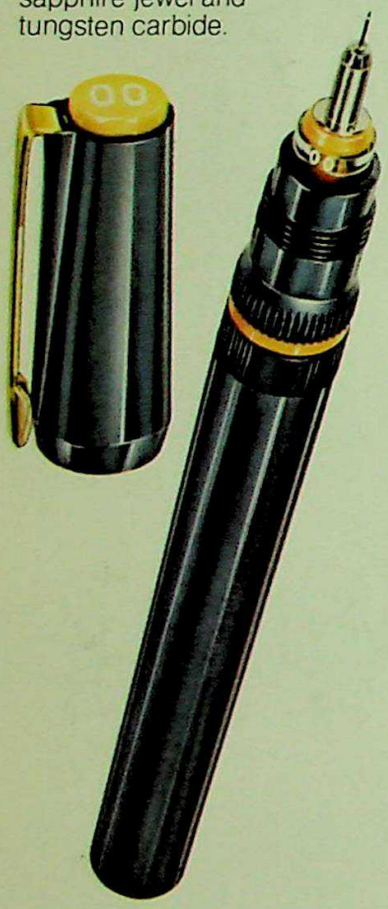
KOH-I-NOOR®

CATALOG 77-78

What makes The "RAPIDRAW" System

...Rapidograph, Rapidometric, Rapidograph SL

Finest precision, highest quality Technical Pens offer the most complete range of line widths. Points available in hard chromed stainless steel, sapphire jewel and tungsten carbide.



Koh-I-Noor Technical Pens are described on pages 2 through 15 of this Catalog

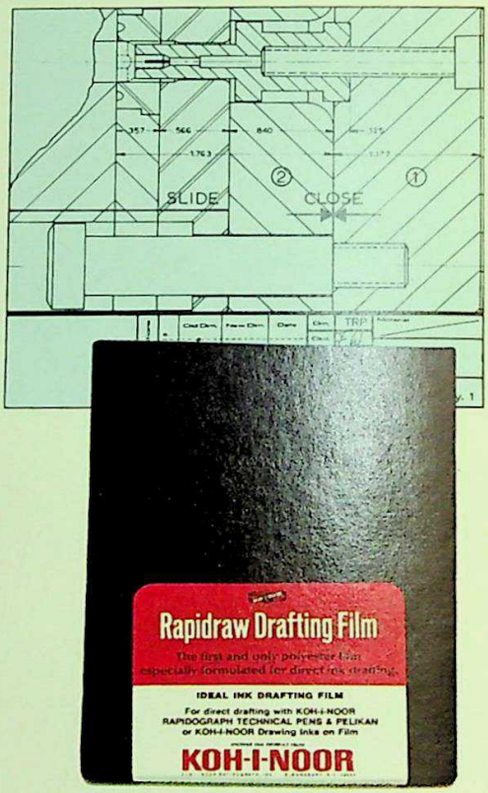
...Pelikan and Koh-I-Noor Drawing Inks

Specially formulated for the most exacting requirements.

Koh-I-Noor and Pelikan Drawing Inks are described on pages 20 through 22 and on pages 66 through 69 of this Catalog

...Rapidraw Drafting Film

A virtually indestructible film with a fine-toothed surface for maximum precision and reproducibility in engineering drawings.

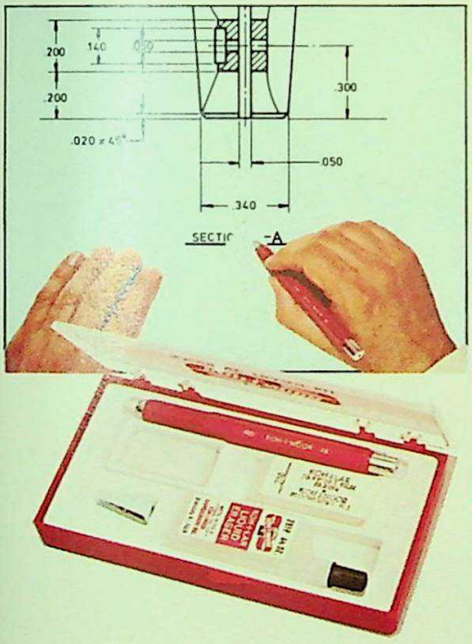


Rapidraw Drafting Film sizes, surfaces and packaging are described on pages 20 and 21 of this Catalog

faster and easier?

...Koh-I-Noor Ink Erasing System

Erasures can be made on the film with confidence and ease without marring the film surface, as often as required.

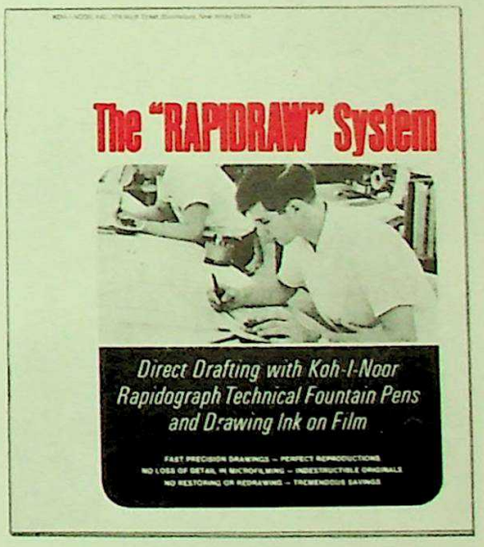


...System accessories

Designed to make drafting with ink on film even easier than you might suppose.

What makes us the authority?

Koh-I-Noor has developed Rapidraw, a System of totally integrated instruments and materials, providing a remarkable simplification of drafting techniques. This System makes direct ink drafting on film the most practical method to achieve precision engineering drawings, as confirmed by leading industries. We would like to give you a free manual completely describing our System.



Koh-I-Noor and Pelikan ink-erasing materials and kits are described on pages 26, 47, 63 and 64 of this Catalog

Accessories for drafting with ink directly on film are described throughout this Catalog

KOH-I-NOOR® DCS Dry Clamp Selector (Rapidometric and Rapidograph SL)

Koh-I-Noor's new, modern Dry Clamp Selector provides both (a) safe short-term and (b) extended storage. The DCS is a modern dry system that is a giant step forward over humidified systems with their danger of diluting drawing ink during extended storage. The DCS assures instantaneous startup every time with full intensity of ink line because Rapidometric Pens are clamped airtight into a dry, double seal in the holder of each pen module which pivots up and down with an easy motion.

RAPIDOMETRIC DCS DRY CLAMP SELECTOR WITH PEN

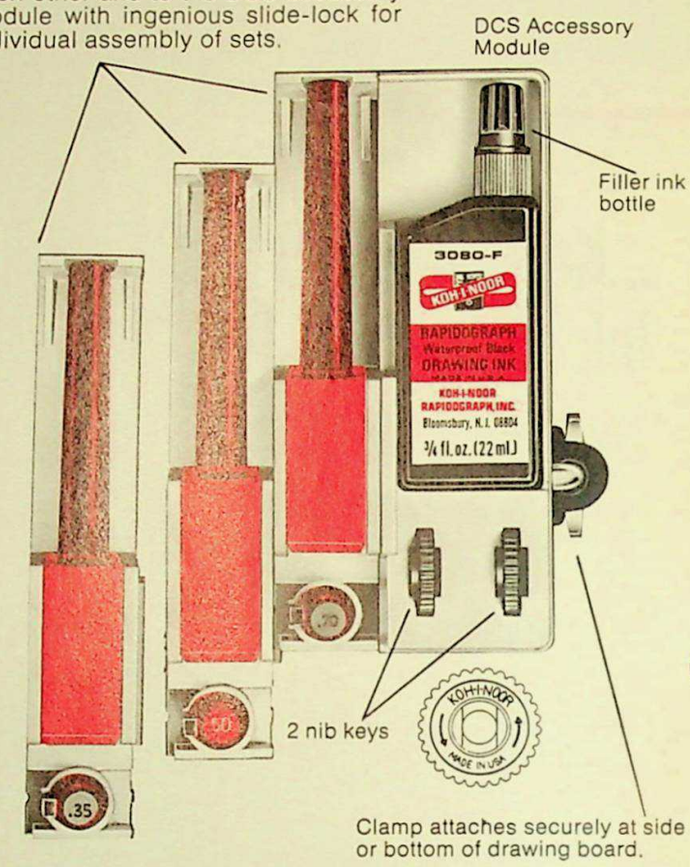
This breakthrough saves the time of repeated capping and uncapping of pen. Clamps down rapidly for airtight position. Unclamps as rapidly for instantaneous startup.

Pivotal action easily raises pen for immediate use, or lowers it into clamped airtight position to seal point away from air whenever pen is not in use.
Nib has cylindrical metal sleeve
Clamped position of pen.
MADE IN U.S.A.
Kolor-Koded pen cap placed in front of pen for quick identification, and to be placed on pen when carried.

Pen and all pen module components made in U.S.A. Patent No. 3,724,676

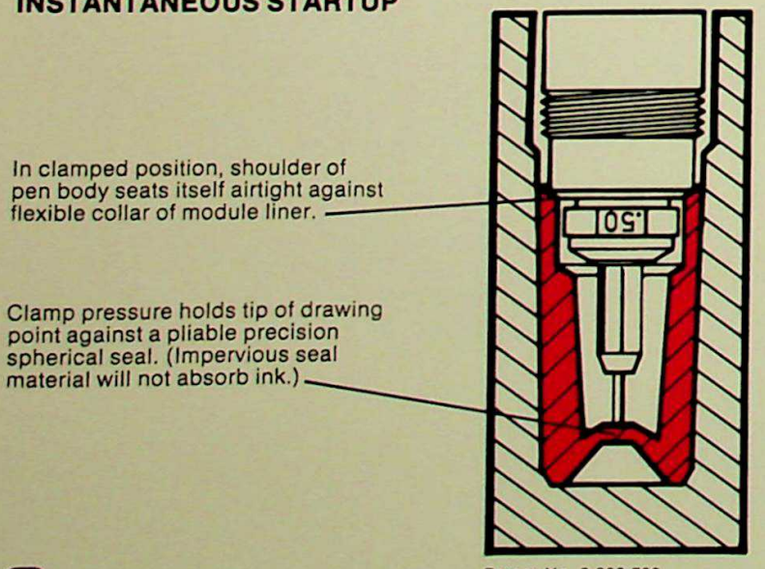
MODULAR PACKAGING

DCS pen modules may be joined to each other and to the DCS accessory module with ingenious slide-lock for individual assembly of sets.



DCS accessory modules, when purchased separately, include ink, board clamp and nib keys.

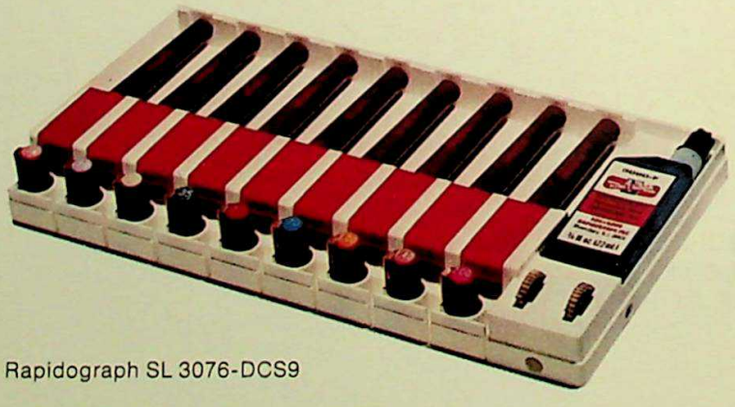
BUILT-IN DRY DOUBLE SEAL ASSURES INSTANTANEOUS STARTUP


In clamped position, shoulder of pen body seats itself airtight against flexible collar of module liner.
Clamp pressure holds tip of drawing point against a pliable precision spherical seal. (Impervious seal material will not absorb ink.)
.50

Patent No. 3,802,788

AVAILABLE IN RAPIDOGRAPH SL SIZES

Rapidograph Pens in point sizes from No. 6x0 to No. 6 in stainless steel, jewel and tungsten carbide are now available in this new design under Catalog No. 3076, Rapidograph SL. This new line provides points with cylindrical metal sleeves, short streamlined holder (in grey color), DCS Dry Clamp Selector, and modular packaging.



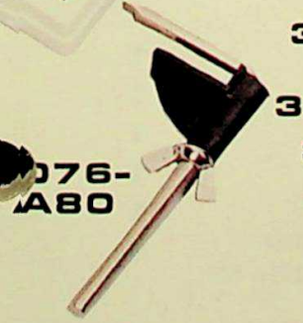
Rapidograph SL 3076-DCS9

KOH-I-NOOR RAPIDOGRAPH® SL DCS

Dry Clamp Selector

A series of 12 Rapidograph SL drawing point sizes, 6x0 thru 6. Rapidograph SL has a new slim design with elegantly proportioned holder and cap. The point has a cylindrical metal sleeve like the Rapidometric Point. The familiar "Rapidograph grey" impact and chemical resistant plastic permits universal use with regular drawing inks and Koh-I-Noor and Pelikan specialty inks.

3076-DCS-1



3076-A80

Item No.	Description	Unit Pack
3076-DCS-9	Koh-I-Noor Rapidograph SL DCS-9 set of 9 Rapidograph SL pens (sizes: 4x0, 3x0, 00, 0, 1, 2, 2½, 3 and 4.) Each pen is in a DCS module. A Kolor-Koded pen cap with clip is also provided for each pen for pocket carrying. Also included is a DCS accessory module containing a filler bottle of ink, board clamp and 2 nib keys. A clear plastic cover completes the set. Packed in a molded styrofoam container.	1
3076-DCSMT9	Empty DCS9 set contains 9 DCS modules (without pens) and 1 DCS accessory module. Packed in a molded styrofoam container.	1
3076-DCS-4	Koh-I-Noor Rapidograph SL DCS-4 set of 4 Rapidograph SL pens (sizes: 00, 0, 1 and 2.) Each pen is in a DCS module. A Kolor-Koded pen cap with clip is also provided for each pen for pocket carrying. Also included is a DCS accessory module containing a filler bottle of ink, board clamp and 2 nib keys. A clear plastic cover completes the set. Packed in a molded styrofoam container.	1
3076-DCSMT4	Empty DCS4 set contains 4 DCS modules (without pens) and 1 DCS accessory module. Packed in a molded styrofoam container.	1
3076-DCS-1	Koh-I-Noor Rapidograph SL DCS-1 contains 1 DCS (Dry Clamp Selector Module), 1 Dry Seal Cap with Clip and any one pen size of the 12 Rapidograph SL sizes: 6x0, 5x0, 4x0, 3x0, 00, 0, 1, 2, 2½, 3, 4 and 6.	1
3076-DCSMT1	Empty DCS module (without pen).	1
3076-A72	Accessory DCS module (contains: board clamp, 3072F ink and 2 nib keys.)	1
3076-A-80	Accessory DCS module (same as 3076-A72 except 3080F ink.)	1
3076-CS1	Koh-I-Noor Rapidograph SL Pen includes: Rapidograph SL Point, pen body, cartridge, clamp ring, Holder and Cap with Clip available in 12 line widths: 6x0, 5x0, 4x0, 3x0, 00, 0, 1, 2, 2½, 3, 4 and 6.	1
3076-H	Koh-I-Noor Rapidograph SL Pen Holder.	1

3076-CS1

Note—All Koh-I-Noor Rapidograph SL CS1 pens and sets are also available with either Jewel or Tungsten Carbide Points by using the letters "J" or "T" following the individual product numbers.
Example 3076J-DCS1

KOH-I-NOOR RAPIDOGRAPH® SL SLIM PACK

KOH-I-NOOR RAPIDOGRAPH SL SLIM PACK (POINTS WITH CYLINDRICAL METAL SLEEVE) WITH DOUBLE DRY SEAL FOR INSTANTANEOUS START-UP

Koh-I-Noor's Rapidograph SL Slim Pack is designed for professionals and students who want the convenience of a Rapidograph SL Technical Pen case that will slip easily into a coat pocket or store in a shallow table or desk drawer. During work sessions, Rapidograph SL Pens can be stored vertically, with cap on, either point down or point up. The lid of the container is of clear plastic, which allows visual identification.

Item No.	Description	Unit Pack
3076-SP-3	(3 complete pens 00, 0, 1)	1
3076-SP-4	(4 complete pens 00, 0, 1, 2)	1
3076-SP-6	(6 complete pens 00, 0, 1, 2, 3, 4)	1
3076-SP-7	(7 complete pens 00, 0, 1, 2, 2½, 3, 4)	1
3076-SP-8	(8 complete pens 3x0, 00, 0, 1, 2, 2½, 3, 4)	1
3076-SP-9	(9 complete pens 4x0, 3x0, 00, 0, 1, 2, 2½, 3, 4)	1

Stainless Steel Slim Pack Sets

(All sets above include complete pen with pocket clip, 1 bottle 3080-F Koh-I-Noor "Universal" Waterproof Black Drawing Ink and a Nib Key.)

3076-JSP-3	Same sets of pen sizes	1
3076-JSP-4	indicated above but with Jewel Points	1
3076-JSP-6	and 3072-F Black Rapid-O-Ink for drafting film.	1
3076-JSP-7		1
3076-JSP-8		1
3076-JSP-9		1
3076-TSP-3	Same sets of pen sizes	1
3076-TSP-4	indicated above but with Tungsten Carbide Points	1
3076-TSP-6	and 3072-F Black Rapid-O-Ink for drafting film.	1
3076-TSP-7		1
3076-TSP-8		1
3076-TSP-9		1

KOH-I-NOOR RAPIDOGRAPH® SL REPLACEMENT POINTS

Item No.	Description	Unit Pack
72	Koh-I-Noor Rapidograph SL Stainless Steel Replacement Points (High chemical resistant plastic) for No. 3076 Rapidograph SL Pen available in 12 sizes with cylindrical metal sleeve. Recommended for use on paper and cloth. Packed 12 of one size to an attractive plastic box with nib keys for convenient assembly.	1
72J	Koh-I-Noor Rapidograph SL Jewel Replacement Points (High chemical resistant plastic) for No. 3076 Rapidograph SL Pen available in 12 sizes with cylindrical metal sleeve. Recommended for hand drafting on drafting film. Individually packed in an attractive plastic box. Packed 12 of one size to a clear plastic sleeve with nib keys for convenient assembly.	1
72T	Koh-I-Noor Rapidograph SL Tungsten Carbide Replacement Points (High chemical resistant plastic) for No. 3076 Rapidograph SL Pen available in 12 sizes with cylindrical metal sleeve. Recommended for automated drafting on drafting film. Individually packed in an attractive plastic box. Packed 12 of one size to a clear plastic sleeve with nib keys for convenient assembly.	1

All Replacement Points above available in sizes: 6x0, 5x0, 4x0, 3x0, 00, 0, 1, 2, 2½, 3, 4 and 6.

KOH-I-NOOR REPLACEMENT POINTS FOR DIGITAL PLOTTERS AND RECORDERS

A pioneer in the industry, KOH-I-NOOR is the leader in the design, development and production of DIGITAL PLOTTER POINTS and accessory materials . . . producing custom points for many of the foremost numerically controlled digital plotter and recorder manufacturers the world over.

We provide you with precisely the right point for your needs, offering :

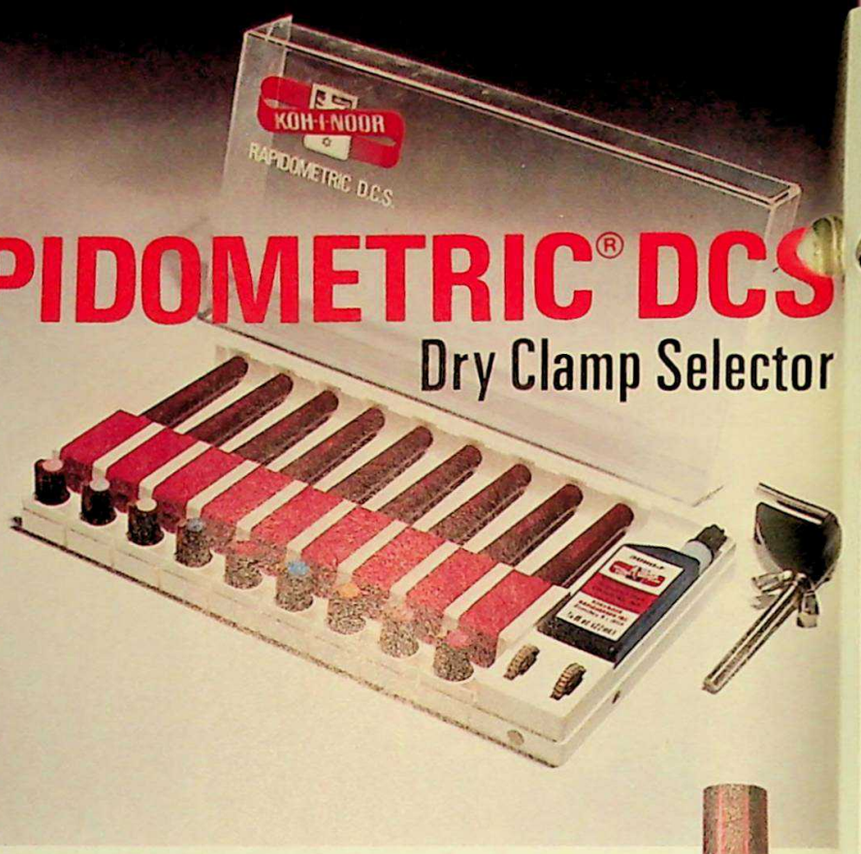
- Bushings to suit different adaptors
- Choice of tungsten carbide, stainless steel or jewel tips
- Largest array of drawing inks compatible with various types of drafting surfaces
- A wide variety of point sizes

Contact us today for developmental work to aid you in optimizing the utilization of your plotter for your applications!

KOH-I-NOOR Rapidometric System correlates the 9 Rapidometric line widths to the 5 standard American drawing sizes.

KOH-I-NOOR RAPIDOMETRIC® DCS

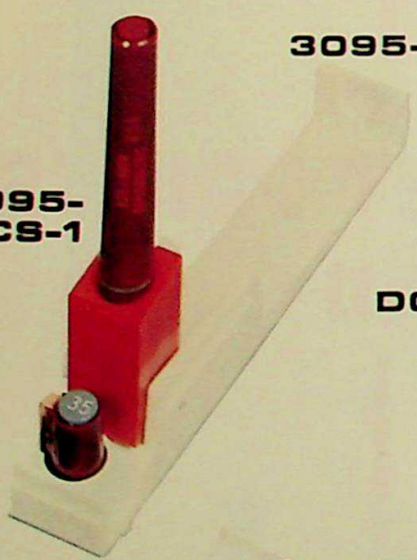
Dry Clamp Selector



A series of nine Rapidometric drawing point sizes has been precision engineered by Koh-I-Noor to provide line widths for engineering drawings that reflect a geometric progression based on the $\sqrt{2}$ (1.414). Each successive Rapidometric line width is the $\sqrt{2}$ times larger than the preceding line-width, following the same geometric progression as the five standard American drawing sizes, A through E.

This correlation makes it possible to select predetermined line widths to be compatible with standard American drawing sizes and microfilming practices. Precise matching of line widths through microfilming and standard-size blowbacks facilitates corrections and additions on any subsequent generation.

See Microfilm reference table on page 9.



3095-DCS-1

3095-A80

Item No.	Description	Unit Pack
3095-DCS-9	Koh-I-Noor Rapidometric DCS-9 set of 9 Rapidometric pens (sizes: .13, .18, .25, .35, .50, .70, 1.00, 1.40 and 2.00.) Each pen is in a DCS module. A Kolor-Koded pen cap with clip is also provided for each pen for pocket carrying. Also included is a DCS accessory module containing a filler bottle of ink, board clamp and 2 nib keys. A clear plastic cover completes the set. Packed in a molded styrofoam container.	1
3095-DCSMT9	Empty DCS9 set contains 9 DCS modules (without pens) and 1 DCS accessory module. Packed in a molded styrofoam container.	1
3095-DCS-4	Koh-I-Noor Rapidometric DCS-4 set of 4 Rapidometric pens (sizes: .25, .35, .50 and .70.) Each pen is in a DCS module. A Kolor-Koded pen cap with clip is also provided for each pen for pocket carrying. Also included is a DCS accessory module containing a filler bottle of ink, board clamp and 2 nib keys. A clear plastic cover completes the set. Packed in a molded styrofoam container.	
3095-DCSMT4	Empty DCS4 set contains 4 DCS modules (without pens) and 1 DCS accessory module. Packed in a molded styrofoam container.	1
3095 DCS-1	Koh-I-Noor Rapidometric DCS-1 contains 1 DCS (Dry Clamp Selector Module), 1 Dry Seal Cap with Clip and any one pen size of the 9 Rapidometric sizes: .13, .18, .25, .35, .50, .70, 1.00, 1.40 and 2.00.	1
3095-DCSMT1	Empty DCS module (without pen).	1
3095-A72	Accessory DCS module (contains: board clamp, 3072F ink and 2 nib keys.)	1
3095-A80	Accessory DCS module (same as 3095-A72 except 3080F ink.)	1
3095-CS1	Koh-I-Noor Rapidometric Pen includes: Rapidometric Point, pen body, cartridge, clamp ring, Holder and Cap with Clip available in 9 line widths: .13, .18, .25, .35, .50, .70, 1.00, 1.40 and 2.00.	1
3095-H	Koh-I-Noor Rapidometric Pen Holder.	1

3095-CS1

Note—All Koh-I-Noor Rapidometric CS1 pens and sets are also available with either Jewel or Tungsten Carbide Points by using the letters "J" or "T" following the individual product numbers.
Example 3095J-DCS1

KOH-I-NOOR RAPIDOMETRIC® SLIM PACK

KOH-I-NOOR RAPIDOMETRIC SLIM PACK (Points with cylindrical metal sleeve)
WITH DOUBLE DRY SEAL FOR INSTANTANEOUS START-UP

Koh-I-Noor's Rapidometric Slim Pack is designed for professionals and students who want the convenience of a Rapidometric Technical Pen case that will slip easily into a coat pocket or store in a shallow table or desk drawer. During work sessions, Rapidometric Pens can be stored vertically, with cap on, either point down or point up. The lid of the container is of clear plastic, which allows visual identification.

Item No.	Description	Unit Pack
3095-SP-3	(3 complete pens .25, .35, .50)	1
3095-SP-4	(4 complete pens .25, .35, .50, .70)	1
3095-SP-6	(6 complete pens .25, .35, .50, .70, 1.00, 1.40)	1
3095-SP-7	(7 complete pens .18, .25, .35, .50, .70, 1.00, 1.40)	1
3095-SP-8	(8 complete pens .18, .25, .35, .50, .70, 1.00, 1.40, 2.00)	1
3095-SP-9	(9 complete pens .13, .18, .25, .35, .50, .70, 1.00, 1.40, 2.00)	1

Stainless Steel Slim Pack Sets

(All sets above include complete pen with pocket clip, 1 bottle 3080-F Koh-I-Noor "Universal" Waterproof Black Drawing Ink and a Nib Key.)

3095-JSP-3	Same sets of pen sizes	1
3095-JSP-4	indicated above but with Jewel Points	1
3095-JSP-6	and 3072-F Black Rapid-O-Ink for drafting film.	1
3095-JSP-7		1
3095-JSP-8		1
3095-JSP-9		1

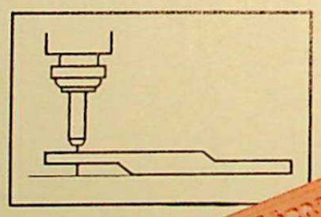
3095-TSP-3	Same sets of pen sizes	1
3095-TSP-4	indicated above but with Tungsten Carbide Points	1
3095-TSP-6	and 3072-F Black Rapid-O-Ink for drafting film.	1
3095-TSP-7		1
3095-TSP-8		1
3095-TSP-9		1

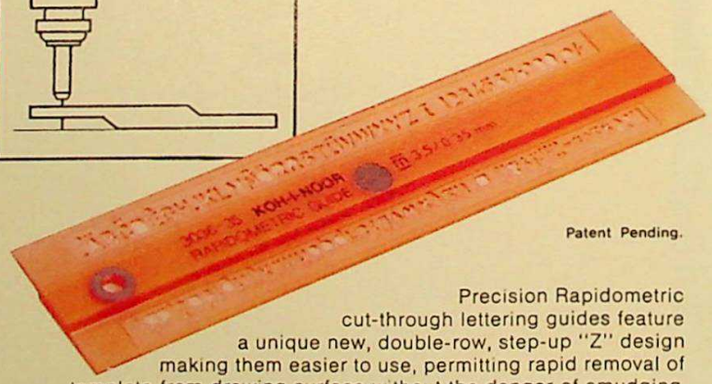
KOH-I-NOOR RAPIDOMETRIC® REPLACEMENT POINTS

Item No.	Description	Unit Pack
92	Koh-I-Noor Rapidometric Stainless Steel Replacement Points (High chemical resistant plastic) for No. 3095 Rapidometric Pen available in 9 sizes with cylindrical metal sleeve. Recommended for use on paper and cloth. Packed 12 of one size to an attractive plastic box with nib keys for convenient assembly.	**12**
92J	Koh-I-Noor Rapidometric Jewel Replacement Points (High chemical resistant plastic) for No. 3095 Rapidometric Pen available in 9 sizes with cylindrical metal sleeve. Recommended for hand drafting on drafting film. Individually packed in an attractive plastic box. Packed 12 of one size to a clear plastic sleeve with nib keys for convenient assembly.	**1**
92T	Koh-I-Noor Rapidometric Tungsten Carbide Replacement Points (High chemical resistant plastic) for No. 3095 Rapidometric Pen available in 9 sizes with cylindrical metal sleeve. Recommended for automated drafting on drafting film. Individually packed in an attractive plastic box. Packed 12 of one size to a clear plastic sleeve with nib keys for convenient assembly.	**1**

All Replacement Points above available in sizes: .13, .18, .25, .35, .50, .70, 1.00, 1.40 and 2.00.

KOH-I-NOOR® RAPIDOMETRIC "Z" LETTERING GUIDES





Patent Pending.

Precision Rapidometric cut-through lettering guides feature a unique new, double-row, step-up "Z" design making them easier to use, permitting rapid removal of template from drawing surface without the danger of smudging.

Cut-Through Lettering Guides and ***Controlled*** Lettering Guides– New Rapidometric Pen Series

Rapidometric lettering guides feature open style lettering achieved by a ratio of line width to letter height of 1 to 10 for each character to retain optimum legibility in reproduction, especially microfilming. Since both the letters and line width move in a geometric progression of the $\sqrt{2}$ (1.414), as do standard American drawing sizes, corrections or additions in the lettering on all reproductions are facilitated by use of predetermined lettering guides.

In the following chart, there is listed next to each Rapidometric lettering guide the corresponding Kolor-Koded pen size.

Rapidometric® *Cut-Through* "Z" Lettering Guides

Item No.	Guide Size Designation	Letter Height	Corresponding Rapidometric Pen Size	Corresponding Rapidometric Pen Kolor Kode	Unit Pack
3036-25	2.5/0.25	2.5mm (0.098″)	.25	Beige	**1**
3036-35	3.5/0.35	3.5mm (0.138″)	.35	Grey	**1**
3036-50	5.0/0.50	5.0mm (0.197″)	.50	Red	**1**
3036-70	7.0/0.70	7.0mm (0.276″)	.70	Light Blue	**1**
3036-100	10/1.0	10mm (0.394″)	1.00	Orange	**1**

KOH-I-NOOR RAPIDOMETRIC® Microfilm Reference Table

The Koh-I-Noor Rapidometric Microfilm Reference Table is used to assure microfilm images of reproduceable quality. It allows for determining the Rapidometric line widths to be used on standard American drawings which are to be reduced to commonly used microfilm formats. Experience has shown that microfilm images with line widths less than 15 microns (0.0006") are of insufficient quality to assure satisfactory reproduction. Where below-standard image line widths would result, these are shown in the table in red.

Example (indicated with dotted line in table):
If a "D" size drawing is to be reduced to a 35mm microfilm format, the table shows the reduction ratio to be 24 (1/24th of the length and width of the original drawing). The calculated image line widths are shown to the right of the reduction ratio. In order to assure acceptable image quality on the microfilm, the minimum point size is given as Rapidometric .50 (image line width is 20 microns, 0.0008").*

MICROFILM AND DRAWING SIZES				EXPECTED IMAGE LINE WIDTH IN MICRONS** FOR RAPIDOMETRIC POINT SIZE DESIGNATION								
Most commonly used microfilm sizes 105mm	70mm	35mm	16mm	Reduction Ratio	.13	.18	.25	.35	.50	.70	1.00	1.40	2.00
				1	130	180	250	350	500	700	1000	1400	2000
A				3	43	60	83	116	166	233	333	466	666
B	A			4	32	45	62	87	125	175	250	350	500
C				5	26	36	50	70	100	140	200	280	400
	B			6	21	30	41	58	83	116	163	233	333
D				7	18	25	35	50	71	100	142	200	284
	C	A		8	16	22	31	43	62	87	125	175	250
				9	14	20	27	38	55	77	111	155	222
E				10	13	18	25	35	50	70	100	140	200
	D	B		12	10	15	20	29	41	58	83	116	166
				14	9	12	17	25	35	50	71	100	142
	E	C	A	16	8	11	15	21	31	43	62	87	125
			B	20	6	9	12	16	25	35	50	70	100
		D	24		5	7	10	14	20	29	41	58	83
			C	30	4	6	8	11	16	23	33	46	66
		E		33	3	5	7	10	15	21	30	42	60
			D	36	3	5	6	9	13	19	27	38	55
				48	2	3	5	7	10	14	20	29	41
			E	58	2	3	4	6	8	12	17	24	34

*Cameras, emulsions, exposures and differences in processing could affect reproduced image line widths. Complete control of these variables assures fully and reliably predictable results.

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** One micron = 0.0000394"

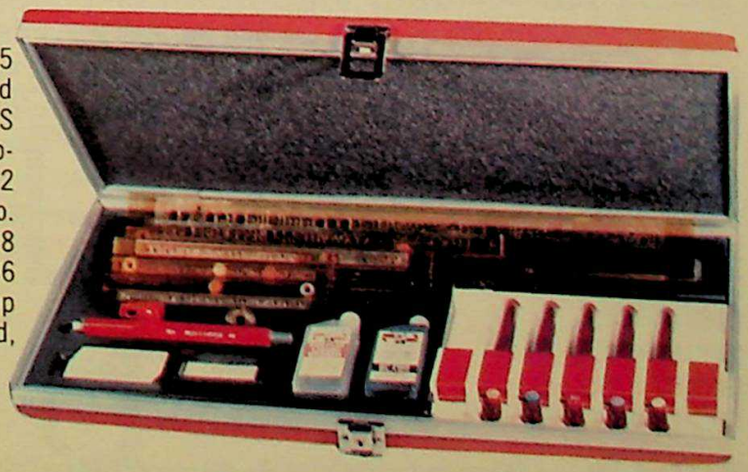
FIVE STANDARD AMERICAN DRAWING SIZES

Drawing Size A — 8.5" x 11" (216mm x 280mm) or 9" x 12" (229mm x 305mm)
Drawing Size B — 11" x 17" (280mm x 432mm) or 12" x 18" (305mm x 457mm)
Drawing Size C — 17" x 22" (432mm x 559mm) or 18" x 24" (457mm x 610mm)
Drawing Size D — 22" x 34" (559mm x 864mm) or 24" x 36" (610mm x 914mm)
Drawing Size E — 34" x 44" (864mm x 1118mm) or 36" x 48" (914mm x 1219mm)

KOH-I-NOOR RAPIDOMETRIC® CUT THROUGH "Z" LETTERING GUIDE SET

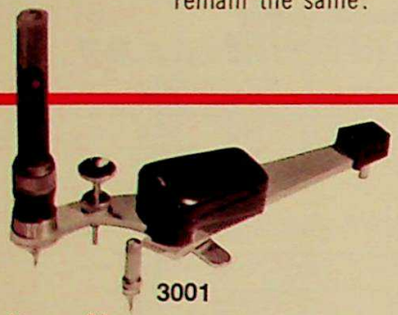
3036-S5 Set contains 5 cut through "Z" Lettering Guides (5 guides Nos. 3036-25, 3036-35, 3036-50, 3036-70 and 3036-100), 5 No. 3095-CS1 Rapidometric Pens in DCS Modules, sizes; .25, .35, .50, .70 and 1.00, plus 2 empty 3095-DCS-MT1 Modules for adding 2 more pens, 2 nib keys, No. 3072-F ¾ fl. oz. (22 ml.) Rapid-O-Ink, No. 291-F ¾ fl. oz. (22 ml.) Koh-I-Lar Liquid Eraser, No. 48 holder with a No. 289 Koh-I-Lar eraser strip, No. 286 Koh-I-Lar drafting film eraser, No. 1023 eraser strip sharpener and a sponge. Packed in an attractive, red, durable, CYCOLAC®, plastic set case.

3036-JS5 Same as above but with jewel pen points.



RAPIDOMETRIC CONTROLLED LETTERING SYSTEM

In addition to individual parts, the following complete sets are available. Cases for all sets remain the same.

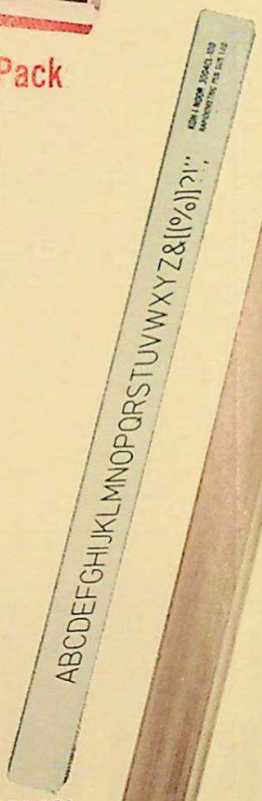


3001

3001-S9

Item No.	Description	Unit Pack
3001 S9	Koh-I-Noor Rapidometric Lettering Equipment Set contains 1 No. 3001 Scriber, 1 No. 3003 Guide Holder, 1 No. 3000-F Scriber Ink, and 1 each of the following Koh-I-Noor Rapidometric No. 3095 stainless steel Drawing Point Pen sizes: .13, .18, .25, .35, .50, .70, 1.00, 1.40, and 2.00; plus 1 each of Scriber Guides No. 3004CL; sizes: 13, 18, 25, 35, 50, 70, 100, 140, C-200, and L-200. Packed in an attractive, red, durable, CYCOLAC® plastic set case.	1
3001 S6	Koh-I-Noor Rapidometric Lettering Equipment Set contains the same scriber, guide holder, Drawing Point Pens, and ink as above. All pens except sizes: .13, .18, and 2.00. Includes all of the above scriber guides except: 13, 18, and 200. Packaging remains the same.	1
3001 S4	Koh-I-Noor Rapidometric Lettering Equipment Set contains the same scriber, guide holder, Drawing Point Pens, and ink as above. Pen sizes include: .25, .35, .50, and .70. Scriber guides include: 25, 35, 50, and 70. Packaging remains the same.	1
3001 S3	Koh-I-Noor Rapidometric Lettering Equipment Set contains the same scriber, guide holder, Drawing Point Pens, and ink as above. Pen sizes include: .25, .50, and 1.00. Scriber guides include: 25, 50, and 100. Packaging remains the same.	1
3001 JS9 JS6 JS4 JS3	Koh-I-Noor Rapidometric Lettering Equipment Sets, Nos. 3001JS3, 3001JS4, 3001JS6, 3001JS9 contain the same order of contents as listed above; except Drawing Point Pens, Nos. .13-2.00, are No. 3095J (Jewel Pens). The 3001J, Jewel Pen Set series, is highly recommended for lettering and drawing on drafting film; surpassing, as they do, the durability of the Stainless Steel Points up to 500 times! Packaging remains the same.	1

Sets above available with Rapidograph SL Pens by using 3002 in place of 3001 in item no. 3002 S12 set also available.



3004CL

3003

3001 Koh-I-Noor Rapidometric Scriber — 1

Precision instrument for use with No. 3095 Rapidometric Drawing Pens and No. 3177LA Lead Attachment, see page 19. Works with lettering guide to make letters uniform in shape and height.

3003 Koh-I-Noor Rapidograph Scriber Guide Holder — 1

Receives guides, which slide on holder instead of drawing, preventing unsightly smudging. Can be used with Rapidometric or Rapidograph Scriber Sets.

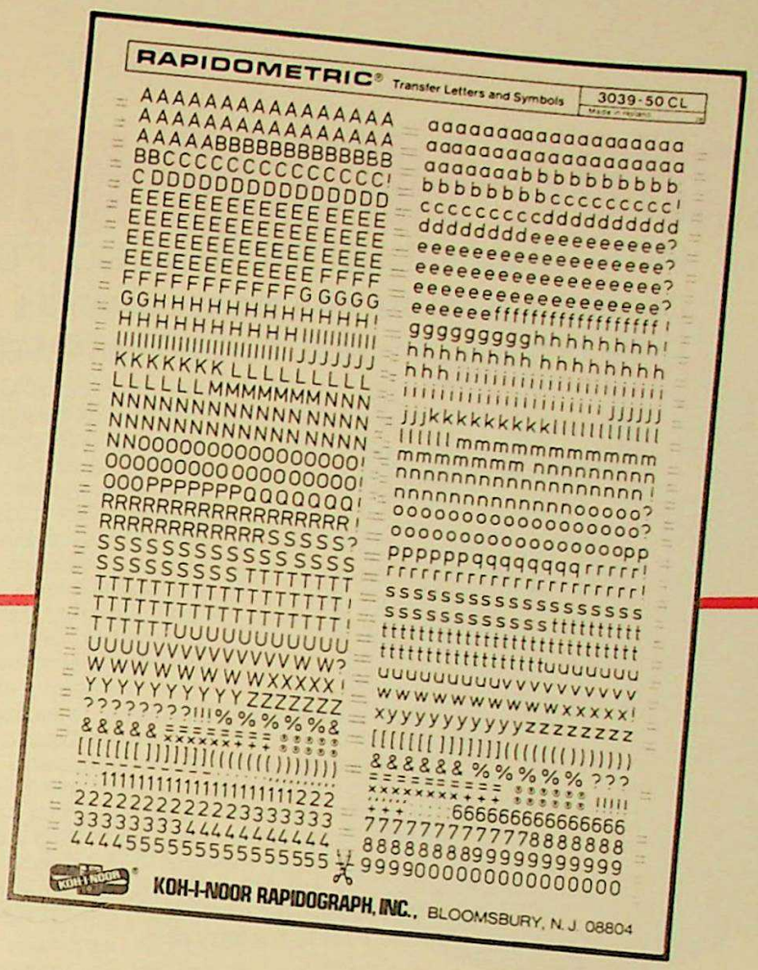
Koh-I-Noor Rapidometric Scriber Guides

SCRIBER GUIDE NO.	USE PEN NO.	LETTER HEIGHT	UNIT PACK	SCRIBER GUIDE NO.	USE PEN NO.	LETTER HEIGHT	UNIT PACK
3004CL 13	.13	1.3mm (0.051)	1	**3004CL** 70	.70	7.0mm (0.276)	1
3004CL 18	.18	1.8mm (0.071)	1	**3004CL** 100	1.00	10mm (0.394)	1
3004CL 25	.25	2.5mm (0.098)	1	**3004CL** 140	1.40	14mm (0.551)	1
3004CL 35	.35	3.5mm (0.138)	1	**3004C** 200	2.00	20mm (0.787)	1
3004CL 50	.50	5.0mm (0.197)	1	**3004L** 200	2.00	20mm (0.787)	1

3001-S-MTY (Empty Koh-I-Noor Rapidometric Lettering Equipment Box)

Attractive, red, durable set box of rugged CYCOLAC® plastic, 16½″ x 8¼″ x 2″.

KOH-I-NOOR® RAPIDOMETRIC® TRANSFER LETTERS AND SYMBOLS



As an integral part of the Rapidometric System, Koh-I-Noor has developed a special series of press-on transfer lettering in both capital and lower case letters, numbers and symbols. The letter style matches the new open style letters in the Cut-Through and Controlled series of lettering guides. The letter sizes are also matched, moving in the geometric progression of the $\sqrt{2}$ (1.414).

Item No.	Description	Letter Height	Unit Pack
3039-13/18CL	ABCDEFGHIJKLMNOPQRSTUVWXYZ abcdef	1.3mm (0.051″)	1
	ABCDEFGHIJKLMNOPQRSTUVWXY abcdef	1.8mm (0.071″)	
3039-25CL	ABCDEFGHIJKLMNOPQRSTUV abcdef	2.5mm (0.098″)	1
3039-35CL	ABCDEFGHIJKLMNO abcdef	3.5mm (0.138″)	1
3039-50CL	ABCDEFGHI abcdef	5.0mm (0.197″)	1
3039-70CL	ABCDE abcdef	7.0mm (0.276″)	1
3039-100CL	ABCDabcd	10mm (0.394″)	1
3039-140CL	ABCabc	14mm (0.551″)	1
3039-200C	ABCD	20mm (0.787″)	1
3039-200L	abcd	20mm (0.787″)	1

KOH-I-NOOR RAPIDOGRAPH®

INTERCHANGEABLE DRAWING POINT SECTIONS & SETS

(FOR DESK & BOARD USE WITH REGULAR DRAWING & WRITING INKS)

WITH DOUBLE DRY SEAL FOR INSTANTANEOUS START-UP

3065HO

Item No.	Description	Unit Pack
3065	Koh-I-Noor Rapidograph Individually Interchangeable Drawing Point Sections with Double Dry Seal for instantaneous start up, are designed to meet the special needs of the professional who requires frequent changes of line widths. Interchange of points is accomplished quickly and easily with complete cleanliness. Point section contains a clear plastic point, gray plastic body, gold clamp ring, dry seal cap and a reusable ink cartridge. Available in 18 Kolor-Koded sizes (line widths): 6x0 Extra Micro, 5x0, 4x0, 3x0, 00, 0, 1, 2, 2½, 3 & 4, plus 6, 7, 8, 9, 10, 12 & 14 with transparent plastic tips. Individually packed 12 of one size or assorted sizes to a display easel.	1
3065 HO	Koh-I-Noor Rapidograph Drawing Point Section Octagonal Holder. Individually packed, 12 per display easel.	1

3065 CS1	Koh-I-Noor Rapidograph Drawing Point Section with holder; available in 18 sizes, individually boxed 12 of one size or assorted sizes to a display easel.	1
3065 CS1K	Koh-I-Noor Rapidograph Drawing Point Section with holder on blister card (5"x7"). Available in 18 sizes, packed 12 cards per carton.	1
3065 P7	Koh-I-Noor Rapidograph Set of 7 Drawing Point Sections (00, 0, 1, 2, 2½, 3 & 4), holder, ink filler bottle and a bottle of Rapido-Eze pen cleaner in an attractive black plastic zipper case.	1
3065 P4	Koh-I-Noor Rapidograph Set of 4 Drawing Point Sections (00, 0, 1 & 2), holder and 2 pre-filled ink cartridges in an attractive black plastic zipper case.	1
3065 P3	Koh-I-Noor Rapidograph Set of 3 Drawing Point Sections (00, 0 & 1), holder and 2 pre-filled ink cartridges in an attractive black plastic zipper case.	1
3063 J	Koh-I-Noor Lettering Joint Attachment for Drawing Point Sections and holders. Individually packaged.	1

3065

3063 J

Note - All Koh-I-Noor Rapidograph Pens, Drawing Point Sections and Sets are also available with either Jewel or Tungsten Carbide Points by using the letters "J" or "T" following the individual product numbers.

KOH-I-NOOR RAPIDOGRAPH® H.R.S.

SETS AND ACCESSORIES

WITH DOUBLE DRY SEAL FOR INSTANTANEOUS START-UP

Koh-I-Noor Rapidograph Humidified Revolving Selectors were developed to provide professional draftsmen and engineers with an efficient means to save valuable work space, while maintaining their precision Rapidograph technical pens in the highest degree of working order. Modular patented design compresses the storage area to a minimum, enabling draftsmen and artists to keep a well organized drafting or studio set-up. Provides all compact storage needed for care and instant selection of Drawing Point Sections. Humidified interior prevents ink from drying in points when Drawing Point Sections are stored uncapped, point down in sleeves during work intervals. Contemporary space age design epitomizes the ultimate in space saving economy, while housing the most comprehensive collection of technical pens to be found anywhere in the world. Packed in molded styrofoam containers.

Item No.	Description	Unit Pack
3065 HRS12	Koh-I-Noor Rapidograph H.R.S. contains 12 Interchangeable Drawing Point Sections: 4x0 Ultra Super Fine, 3x0, 00, 0, 1, 2, 3, 4, 6, 7, 8 and 9. Point sizes, Nos. 6 through 9 ("Macro") are broad, transparent plastic. Also included: 3 Drawing Point Section Holders, squeeze bottle of Rapido-Eze pen cleaner, another with Koh-I-Noor No. 3080 Ink, 2 Nib Keys and a board clamp. Optional Accessories: Liquid Humectant to moisten an internal sponge ring and moisture sensitive Hygrometer to measure and indicate H.R.S. interior body humidity.	1
3065 HRS9	Koh-I-Noor Rapidograph H.R.S. contains 9 Interchangeable Drawing Point Sections: 4x0 U.S. Fine, 3x0, 00, 0, 1, 2, 2½, 3 and 4. Same packing and accessories as H.R.S. 12.	1
3065 HRS8	Koh-I-Noor Rapidograph H.R.S. contains 8 Interchangeable Drawing Point Sections: 3x0, 00, 0, 1, 2, 2½, 3 and 4. Same packing and accessories as H.R.S. 12.	1
3065 HRS7	Koh-I-Noor Rapidograph H.R.S. contains 7 Interchangeable Drawing Point Sections: 00, 0, 1, 2, 2½, 3 and 4. Same packing and accessories as H.R.S. 12.	1
3065 HRS6	Koh-I-Noor Rapidograph H.R.S. contains 6 Interchangeable Drawing Point Sections: 00, 0, 1, 2, 3 and 4. Same packing and accessories as H.R.S. 12.	1
3065 HUM	Koh-I-Noor Rapidograph Liquid Humectant for use in H.R.S. sets to provide purified humidification for keeping pens ready for instantaneous use. Available in 8 fl. oz. (236 ml.) plastic bottle, packed 12 per box.	12
3065 HY	Koh-I-Noor Mechanical Hygrometer to measure and indicate H.R.S. interior body humidity. Individually packaged.	1
3065 CH	Koh-I-Noor Chemical Hygrometer for measuring and indicating H.R.S. interior body humidity by change of color; blue when dry, pink means humidity is correct. Individually packaged.	1
3065 MG	Koh-I-Noor Rapidograph Magnifying Lens, for use with No. 3065-CS1. Magnifies ink lines while being drawn and therefore should be a welcome accessory item to many Rapidograph users, especially when it is used with the finer 3x0, 4x0, 5x0 and 6x0 pen sizes. Packed in an attractive plastic box having a clear plastic hinged cover.	1

3065 HRS12

3065HUM

3065CH

3065HY

3065 MG

KOH-I-NOOR RAPIDOGRAPH® SLIM PACK

KOH-I-NOOR RAPIDOGRAPH SLIM PACK, DRAWING POINT SECTIONS WITH DOUBLE DRY SEAL FOR INSTANTANEOUS START-UP

Koh-I-Noor's Rapidograph Slim Pack is designed for professionals and students who want the convenience of a Rapidograph Technical Pen case that will slip easily into a coat pocket or store in a shallow table or desk drawer. During work sessions, Rapidograph Drawing Point Sections can be stored vertically, with cap on, either point down or point up. The lid of the container is of clear plastic, which allows visual identification.

Item No.	Description		Unit Pack
3065-SP-3	(00, 0, 1 & 1 holder)	Stainless Steel Slim Pack Sets	1
3065-SP-4	(00, 0, 1, 2 & 1 holder)		1
3065-SP-6	(00, 0, 1, 2, 3, 4 & 3 holders)		1
3065-SP-7	(00, 0, 1, 2, 2½, 3, 4 & 3 holders)		1
3065-SP-8	(3x0, 00, 0, 1, 2, 2½, 3, 4 & 2 holders)		1

(All sets above include 1 bottle 3080-F Koh-I-Noor "Universal" Waterproof Black Drawing Ink and a Nib Key.)
Also available with pocket clip upon request.
When ordering with pocket clip specify CSP.

3065-JSP-3	Same sets of point sizes and holders	1
3065-JSP-4	indicated above but with Jewel Points	1
3065-JSP-6	and 3072-F Black Rapid-O-Ink for drafting film.	1
3065-JSP-7	Also available with pocket clip upon request.	1
3065-JSP-8	When ordering with pocket clip specify JCP.	1

3065-TSP-3	Same sets of point sizes and holders	1
3065-TSP-4	indicated above but with Tungsten Carbide Points	1
3065-TSP-6	and 3072-F Black Rapid-O-Ink for drafting film.	1
3065-TSP-7	Also available with pocket clip upon request.	1
3065-TSP-8	When ordering with pocket clip specify TCP.	1

KOH-I-NOOR RAPIDOGRAPH® TECHNICAL FOUNTAIN PENS

(POCKET MODEL WITH CLIP AND AUTOMATIC FILLING SYSTEM FOR USE WITH REGULAR DRAWING & WRITING INKS)

WITH DOUBLE DRY SEAL FOR INSTANTANEOUS START-UP

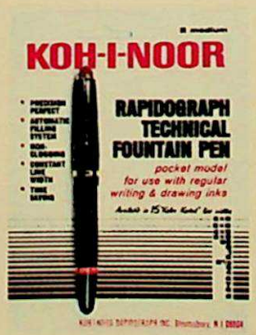
Item No.	Description	Unit Pack
3060	Koh-I-Noor Rapidograph Technical Fountain Pen with *Double Dry Seal* for instantaneous start-up is unrivalled in quality and performance when used with regular drawing and writing inks. Can be used effectively for drawing, drafting, lettering and various commercial and fine art techniques. Cuts nearly 50% off ruling pen filling time! Time savings also apply to "inking in" of pencil tracings, free-hand and guide lettering and template work. As easy to use as a pencil, producing clean, uniform lines of constant width and even density. Available in 18 Kolor-Koded sizes (line widths): No. 6x0 thru 14. Stainless steel points are for use in hand drafting on paper and cloth. Jewel points are for use in hand drafting on coated polyester base drafting film. Individually packed 12 of one size or assorted sizes to a display easel.	1
3060 ASST	Koh-I-Noor Rapidograph point-of-sale Easel (standard one dozen assortment) Display is designed as a combination point-of-purchase easel display as well as a shipping carton.	12
3060 BK	Koh-I-Noor Rapidograph Technical Fountain Pen on blister card (5"x7"). Available in all 18 sizes, packed 12 cards per carton.	12

Note—All Koh-I-Noor Rapidograph technical pens are also avaliable with either Jewel or Tungsten Carbide Points by using the letters "J" or "T" following the individual product numbers.

KOH-I-NOOR INK-O-GRAPH®

(Writing Pen for use with Drawing Ink)

3040	Koh-I-Noor Inkograph Fountain Pen. This improved fountain pen with visible ink supply writes smoother than the finest ballpoint pen. It is unexcelled in writing quality. The point is easily adapted to any hand or style of writing. Ink is filled directly into the barrel by a plastic plunger within the automatic self-contained filling system. The improved Koh-I-Noor Inkograph Pen has a sealed-in, air-tight ink supply. Each pen packed individually in an attractive container. Available in two Kolor-Koded sizes; No. 3040-Medium (blue) and No. 3040-Fine (red).	1
47	Replacement Points for No. 3040 Inkograph Fountain Pen. Available in sizes fine and medium. Packed individually.	1



3060BK

Neat, uniform lettering is easily obtained without special skills or techniques . . .

KOH-I-NOOR RAPIDOGRAPH CONTROLLED LETTERING SYSTEM,

PEN... 3065 Koh-I-Noor Rapidograph 3065 Drawing Point Sections are standard instruments for use with this controlled lettering system. Easily threaded into the scriber's bushing, they remove in seconds for point size changes. Large ink reservoir provides hours of uninterrupted lettering. Air tight Dry Seal cap permits reuse of pen after prolonged storage. A few shakes will clean the writing tube of any settled ink particles.

SCRIBER 3000 Koh-I-Noor Rapidograph Scribers, precision-made instruments, designed to receive No. 3065 Koh-I-Noor Rapidograph Stainless Steel, Tungsten Carbide and Jewel Drawing Point Sections, cooperate with the scriber guide to make letters uniform in shape and height. Characters may be vertical or slanted to 22½°.

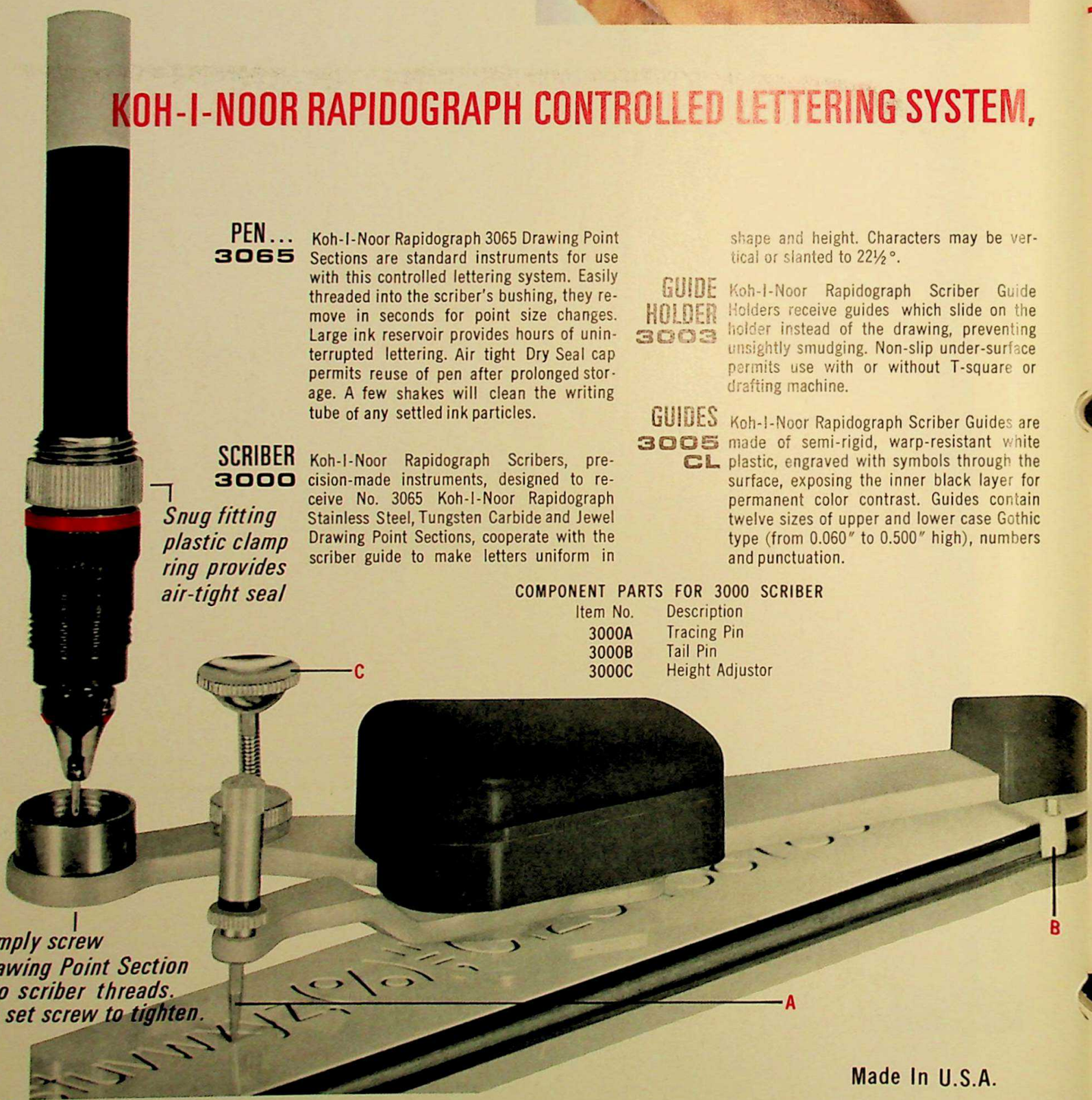
GUIDE HOLDER 3003 Koh-I-Noor Rapidograph Scriber Guide Holders receive guides which slide on the holder instead of the drawing, preventing unsightly smudging. Non-slip under-surface permits use with or without T-square or drafting machine.

GUIDES 3005 CL Koh-I-Noor Rapidograph Scriber Guides are made of semi-rigid, warp-resistant white plastic, engraved with symbols through the surface, exposing the inner black layer for permanent color contrast. Guides contain twelve sizes of upper and lower case Gothic type (from 0.060″ to 0.500″ high), numbers and punctuation.

Snug fitting plastic clamp ring provides air-tight seal

COMPONENT PARTS FOR 3000 SCRIBER

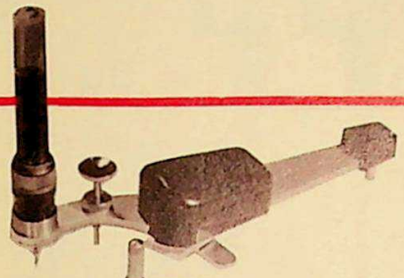
Item No.	Description
3000A	Tracing Pin
3000B	Tail Pin
3000C	Height Adjustor



Simply screw Drawing Point Section into scriber threads. No set screw to tighten.

Made In U.S.A.

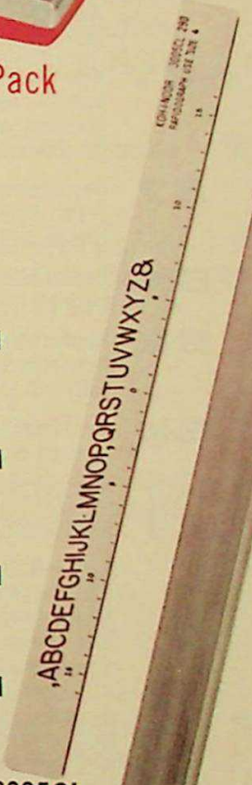
In addition to individual parts, the following complete sets are available. Cases for all sets remain the same; allowing for expansion up to twelve guides and nine Drawing Point Sections.



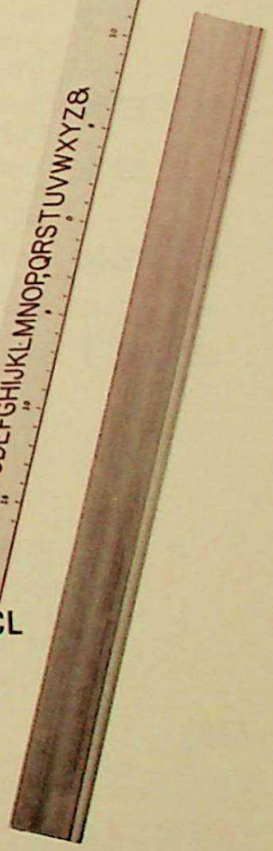
3000

3000-S12

Item No.	Description	Unit Pack
3000 S12	Koh-I-Noor Rapidograph Lettering Equipment Set contains 1 No. 3000 Scriber, 1 No. 3003 Guide Holder, 1 No. 3065HO Rapidograph Drawing Point Section Holder, 1 No. 3000-F Rapidograph Scriber Ink , and 1 each of the following Koh-I-Noor Rapidograph No. 3065 stainless steel Drawing Point Section sizes: 4x0, 3x0, 00, 0, 1, 2, 3, 4 and 6; plus 1 each of Scriber Guides No. 3005CL; sizes: 60, 80, 100, 120, 140, 175, 200, 240, 290, 350, 425, and 500. Packed in an attractive, red, durable, CYCOLAC® plastic set case.	1
3000 S9	Koh-I-Noor Rapidograph Lettering Equipment set contains the same scriber, guide holder, Drawing Point Section Holder and ink as above. All point sections except 4x0. Includes all of the above scriber guides except: 60, 290 and 425. Packaging remains the same.	1
3000 S6	Koh-I-Noor Rapidograph Lettering Equipment Set contains the same scriber, guide holder, Drawing Point Section Holder and ink as above. Point sections include: 00, 0, 1, 2 and 3. Scriber guides are: 100, 120, 140, 175, 200 and 240. Packaging remains the same.	1
3000 S3	Koh-I-Noor Rapidograph Lettering Equipment Set contains the same scriber, guide holder, Drawing Point Section Holder and ink as above. Point sections include: 00, 1 and 3. Scriber guides are: 100, 140 and 240. Packaging remains the same.	1
3000 JS12 JS9 JS6 JS3	Koh-I-Noor Rapidograph Lettering Equipment Sets, Nos. 3000JS3, 3000JS6, 3000JS9 and 3000JS12, contain the same order of contents as listed above; except Drawing Point Sections, Nos. 4x0-4, are No. 3065J (Jewel Points). The No. 3000J, Jewel Point set series, is highly recommended for lettering and drawing on drafting film; surpassing, as they do, the durability of the Stainless Steel Points up to 500 times! Packaging remains the same.	1
3000	**Koh-I-Noor Rapidograph Scriber** Precision instrument for use with No. 3065 Rapidograph Drawing Point Section and No. 3177LA Lead attachment, see page 19. Works with lettering guide to make letters uniform in shape and height.	1
3003	**Koh-I-Noor Rapidograph Scriber Guide Holder** Receives guides, which slide on holder instead of drawing, preventing unsightly smudging.	1



3005CL



3003

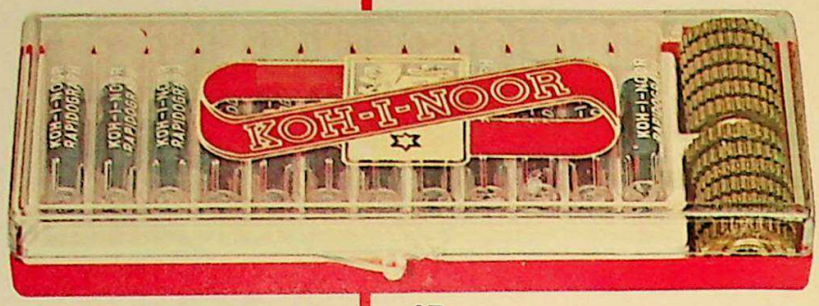
Koh-I-Noor Rapidograph Scriber Guides

SCRIBER GUIDE NO.	USE PEN NO.	LETTER HEIGHT	UNIT PACK	SCRIBER GUIDE NO.	USE PEN NO.	LETTER HEIGHT	UNIT PACK
3005CL 60	4x0	.060 inches	**12**	**3005CL** 200	3	.200 inches	**12**
3005CL 80	3x0	.080 inches	**12**	**3005CL** 240	3	.240 inches	**12**
3005CL 100	00	.100 inches	**12**	**3005CL** 290	4	.290 inches	**6**
3005CL 120	0	.120 inches	**12**	**3005CL** 350	4	.350 inches	**6**
3005CL 140	1	.140 inches	**12**	**3005CL** 425	4	.425 inches	**6**
3005CL 175	2	.175 inches	**12**	**3005CL** 500	6	.500 inches	**6**

3000-S-MTY **(Empty Koh-I-Noor Rapidograph Lettering Equipment Box)**
Attractive, red, durable set box of rugged CYCOLAC® plastic, 16½″ x 8¼″ x 2″. **1**

NOTE—Rapidograph SL 3076 Series Scriber Sets also available in S3, S6, S9 and S12 arrangements; EX. item no. **3002S12.**

REPLACEMENT POINTS



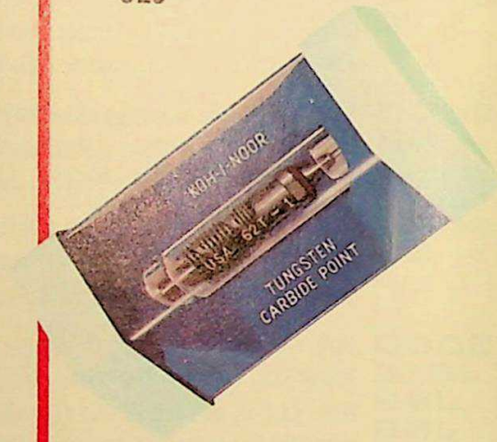
67

Item No.	Description	Unit Pack
62	Replacement Points (Highly Acid Resistant Material) black plastic, for No. 3060 and No. 3065 Rapidograph Pens available in 11 sizes*. Packed 12 of one size to an attractive plastic box with nib keys for easy assembly.	12
62BK	Replacement Points (No. 62 available in 11 sizes*). Individually blister packed on card (3½"x5"). Packed 12 cards of a size per carton.	12
62J	Koh-I-Noor Rapidograph Jewel Points are universally accepted and developed primarily for outstanding longevity on coated drafting film. Inking characteristics are far superior to those of any point known. Self-polishing feature assures smoothness throughout 11 precision line widths*. Individually packed in an attractive box, 12 boxes per clear plastic sleeve.	1
62T	Koh-I-Noor Rapidograph Tungsten Carbide Points are made from the hardest, longest lasting material known for drawing points. Developed for greatest abrasion resistance on coated drafting film throughout 11 precision line widths*. Individually packed as the 62J Jewel Points.	1
67	Replacement Points Stainless Steel (black plastic) for No. 3060 Rapidograph Pens. Available in 11 sizes*. Packed 12 of one size to an attractive plastic box with nib keys for easy assembly.	12
67BK	Replacement Points (No. 67 available in 11 sizes*). Individually blister packed on card (3½"x5"). Packed 12 cards of a size per carton.	12
82	Replacement Points (transparent plastic) for No. 3065 Rapidograph Pens. Available in 18 sizes†. Packed 12 of one size to an attractive plastic box with nib keys for easy assembly.	12
82BK	Replacement Points (No. 82 available in 18 sizes†). Individually blister packed on card (3½"x5"). Packed 12 cards of a size per carton.	12
72KT	RAPIDOGRAPH SL Conversion Kit (Stainless Steel)	12
92KT	RAPIDOMETRIC Conversion Kit (Stainless Steel)	12

Koh-I-Noor Conversion Kits It is now possible to convert your present Rapidograph Pens quickly and economically. The new widely acclaimed Rapidograph "SL" and Rapidometric Replacement Points featuring the 3 mm metal sleeve are now available for use with your present models. These new 3 mm points can be used with most controlled lettering systems. Kits contain 1 Replacement Point, 1 nib key and 1 double dry seal cap designed to accomodate the longer length of these new 3 mm points. All for only a fraction over the regular retail cost of a new point alone!
Kits also available in Jewel and Tungsten Carbide Points by inserting the letters "J" or "T" just after the point number: Ex. 72 JKT for jewel or 72TKT for tungsten carbide.

* (6x0, 5x0, 4x0, 3x0, 00, 0, 1, 2, 2½, 3, & 4)
† (6x0, 5x0, 4x0, 3x0, 00, 0, 1, 2, 2½, 3, 4, 6, 7, 8, 9, 10, 12, & 14)

62J



72KT 62T

67BK

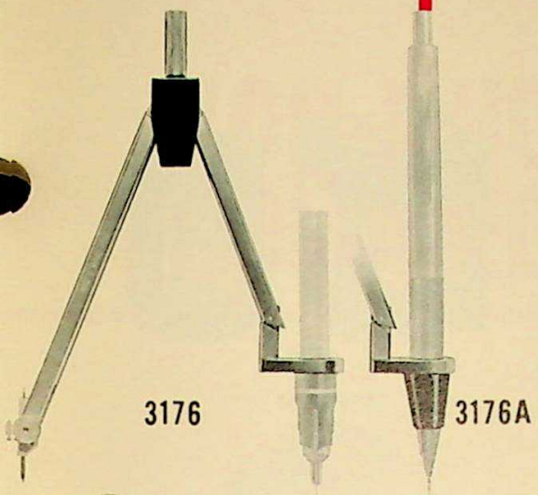
RECOMMENDED POINT SELECTION CHART

For Use on Paper & Cloth	For Hand Drafting on Film	For Automated Drafting on Film
62	62J	62T
67	72J	72T
82	92J	92T
72		
92		

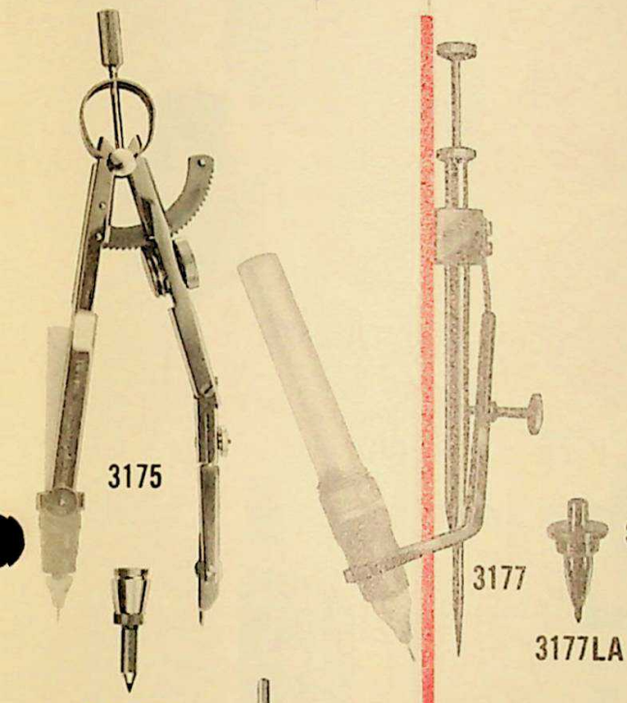
72KT 0
KOH-I-NOOR
RAPIDOGRAPH SL
CONVERSION KIT
FOR 3065 RAPIDOGRAPH PENS
(Replacement Point With Cylindrical Metal Sleeve and Special Double Dry Seal Cap)
KOH-I-NOOR RAPIDOGRAPH INC. Bloomsbury New Jersey 08804
CONT. 1 REPLACEMENT POINT, 1 DOUBLE DRY SEAL CAP, 1 NIB KEY

KOH-I-NOOR® COMPASSES

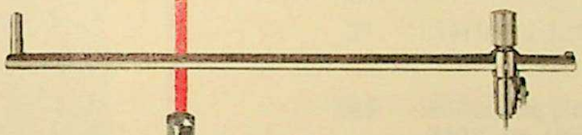
KOH-I-NOOR COMPASSES are sturdy, precision instruments, engineered for rugged durability, extreme accuracy, efficiency in performance and beauty of craftsmanship. All are designed for use with the Koh-I-Noor Rapidograph No. 3065 Technical Pen.



3176 3176A



3175 3177 3177LA 3175LA



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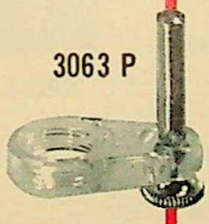
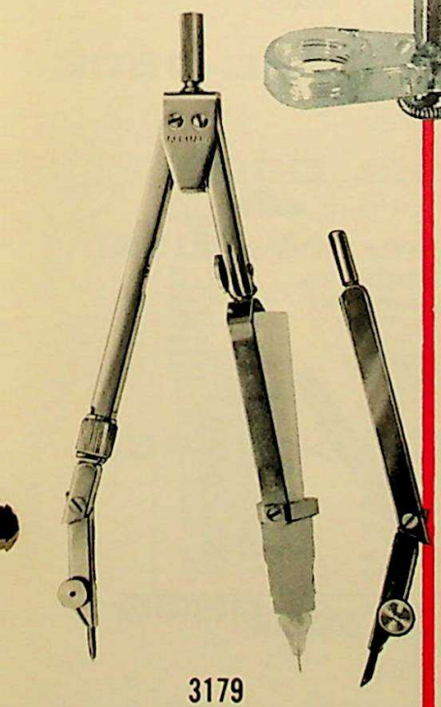


3063 P



3179

Item No.	Description	Unit Pack
3176	Koh-I-Noor Rapidograph Compass designed for use with Nos. 3065, 3076 and 3095 technical pens as well as Nos. 5623 and 5624 Koh-I-Noor mechanical pencils through the use of the No. 3176A pencil adaptor provided. Compass with matte finish. Circles up to 13" diameter can be drawn with pens; up to 16" with mechanical pencils. Compass also available separately without adaptor in plastic box; **No. 3176PB.**	1
3176A	Pencil Adaptor for use with the No. 3176 Compass described above. Packed 1 per box.	1
3175	Koh-I-Noor Rapidograph precision engineered Ringhead Compass. Also designed for use with a lead attachment. Includes a quick-set feature plus micro-screw for fine adjustments.	1
3175LA	Lead Attachment for No. 3175 Compass.	1
3175 B	Beam Attachment for the No. 3175. Permits drawing of large circles up to 21" in diameter with utmost precision.	1
3063P	Koh-I-Noor Compass Attachment is designed for use with the No. 3065 Rapidograph Pen and No. 9000 Graphos Penholder in five shank diameters: No. 3063P/0 2 mm, No. 3063P/1 3 mm, No. 3063P/2 3.3 mm, No. 3063P/3 3.5 mm and No. 3063P/4 4 mm (fits most Kern Compasses). Packed 1 per box.	1
3063/5	Koh-I-Noor Rotating Compass Attachment 3.5 mm (Illustration, page 88).	1
2201	Compass Leads (.046" x 1¼") are chisel pointed and available in 5 degrees: HB, H, 2H, 3H & 4H. Packed 12 leads of a degree per tube, 12 tubes to a 1 gross carton.	12
3177	Koh-I-Noor Rapidograph Drop Compass for drawing tiny, precise circles, with outside diameters as small as .028". Perfect balance allows easy turning with finger tip control.	1
3177LA	Lead Attachment for No. 3177, No. 3000 & 3001 Scriber.	1
3179	Koh-I-Noor Rapidograph Telescopic Engineering Compass with friction head, comes complete with a lead attachment. The telescopic feature permits circles with diameters up to 19½" to be drawn.	1

KOH-I-NOOR® DRAWING INK

WATERPROOF BLACK "UNIVERSAL"

PRICED NO HIGHER THAN OTHER DRAWING INKS.
PACKED IN MODERN STYLE,
LIGHTWEIGHT, UNBREAKABLE PLASTIC CONTAINERS.

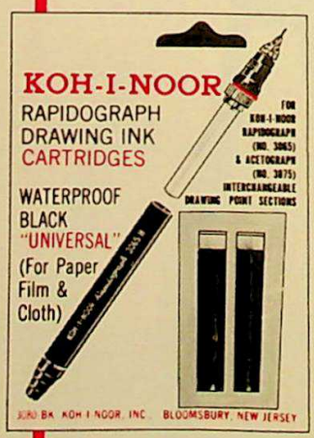
Koh-I-Noor Rapidograph Waterproof Black "Universal" Drawing Ink (for paper, film and cloth) has been especially formulated for use with Koh-I-Noor Technical Pens. Perfect adhesion, true intense blackness, free-flowing, fast drying, non-clogging and in lightweight unbreakable containers.

3080-P

3080-GLD

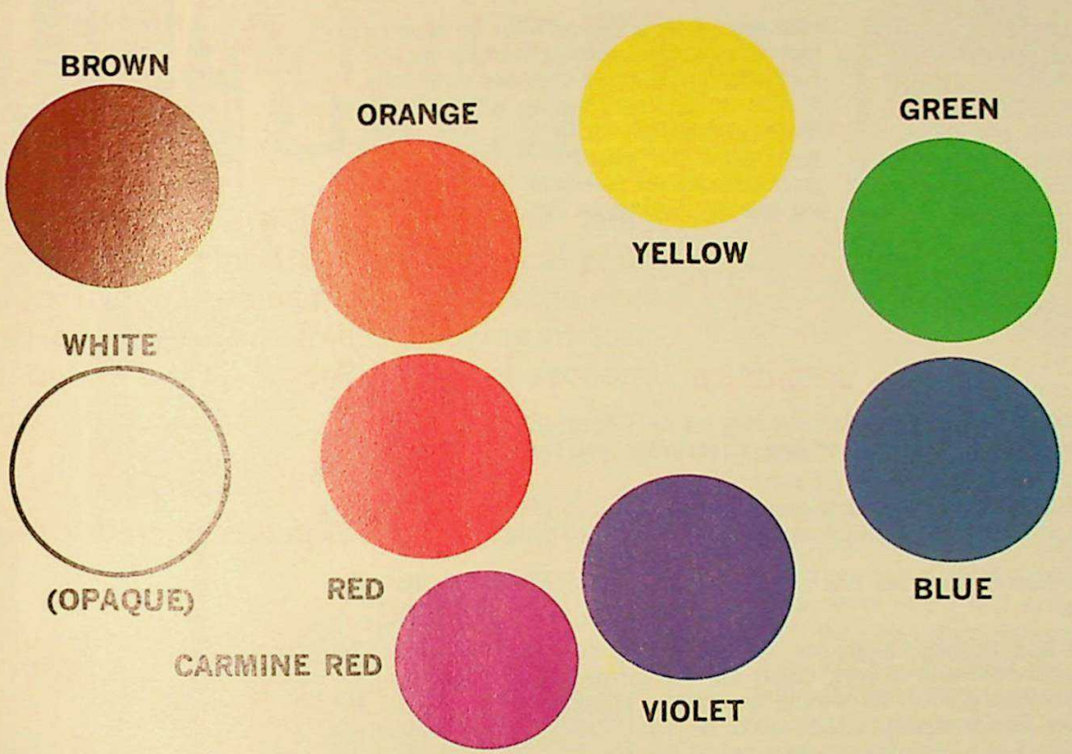
Item No.	Description	Unit Pack
3080-P	Koh-I-Noor Rapidograph Black Drawing Ink in 1 fl. oz. (29 ml.) plastic bottle with special filler insert to protect pen during filling.	12
3080-GLD	Koh-I-Noor Black Drawing Ink in 1¼ fl. oz. (36 ml.) plastic dropper stopper bottle, featuring a unique slanted design.	12
3080	Koh-I-Noor Black Drawing Ink in 8 fl. oz. (236 ml.), 1 pint (473 ml.) and 1 quart (946 ml.) plastic bottles.	1
3080-F1	Koh-I-Noor Black Drawing Ink in ¾ fl. oz. (22 ml.) plastic filler squeeze bottle designed for filling Rapidograph No. 3065, Rapidograph SL No. 3076, Rapidometric No. 3095 Technical Pens and for direct filling of ruling pens and reservoir lettering pens. In an attractive point-of-sale display containing 1 dozen bottles.	12
3080-BK	Koh-I-Noor Rapidograph Black Drawing Ink in automatic cartridges (2) on blister packed card (3½"x5"). Cartridges are designed for direct attachment to Rapidograph No. 3065, Rapidograph SL No. 3076 and Rapidometric No. 3095 Technical Pens. Packed 12 cards per box.	12
3080-C	Koh-I-Noor Rapidograph Black Drawing Ink in automatic cartridges packed for industrial use, 1 dozen cartridges per box, 12 dozen to a gross carton.	12
3080-FE	Plastic ink-filler bottle (empty) for refilling drawing ink into pen cartridges.	12
3080-GLB	Empty GLD plastic bottle only, for use with GLS stopper.	12
3080-GLE	Empty GLD plastic bottle complete with dropper stopper.	12
3080-GLS	Dropper stopper only, for use with empty plastic GLB bottle.	12
3080-PE	Empty plastic bottle complete with insert and cap.	12

3080-F



3080-BK

KOH-I-NOOR TRANSPARENT COLORED DRAWING INK



Item No.	Description	Unit Pack
3080-P	Koh-I-Noor Transparent Colored Drawing Ink in 1 fl. oz. (29 ml.) plastic bottle with special filler insert to protect pen during filling.	12
3080-GLD	Koh-I-Noor Transparent Colored Drawing Ink in 1¼ fl. oz. (36 ml.) plastic dropper stopper bottle, featuring a unique slanted design.	12
3080	Koh-I-Noor Transparent Colored Drawing Ink in 8 fl. oz. (236 ml.), 1 pint (473 ml.) and 1 quart (946 ml.) plastic bottles.	1
3080-F1	Koh-I-Noor Transparent Colored Drawing Ink in ¾ fl. oz. (22 ml.) plastic filler squeeze bottle designed for filling Rapiograph No. 3065, Rapidograph SL No. 3076, Rapidometric No. 3095 Technical Pens and for direct filling of ruling pens and reservoir lettering pens. In attractive point-of-sale display containing 1 dozen bottles.	12
3080-BK	Koh-I-Noor Transparent Colored Drawing Ink in automatic cartridges (2) on blister packed card (3½″ x 5″). Cartridges are designed for direct attachment to Rapidograph No. 3065 Drawing Point Sections, Rapidograph SL No. 3076 and Rapidometric No. 3095. Packed 12 cards per box.	12
3080-C	Koh-I-Noor Transparent Colored Drawing Ink in automatic cartridges packed for industrial use, 1 dozen cartridges per box, 12 dozen to a gross carton.	12

PRICED NO HIGHER THAN OTHER DRAWING INKS.

PACKED IN LIGHTWEIGHT UNBREAKABLE PLASTIC CONTAINERS

Koh-I-Noor Transparent Colored Drawing Inks have been formulated to meet the most exacting needs of draftsmen, artists & designers, etc. The 8 vivid transparent colors consist of 3 primary colors (red, yellow & blue), 3 secondary colors (orange, green & violet) and 2 supplementary colors (brown and carmine red). Intermediate colors can be achieved by mixing adjacent hues. Quality features include perfect adhesion on paper, film and cloth. Koh-I-Noor Transparent Colored Drawing Inks are free-flowing, fast drying, non-clogging and waterproof.

KOH-I-NOOR® INKS AND PEN CLEANER

Koh-I-Noor Rapid-O-Ink, the "ultimate" drafting ink, formulated exclusively for use on coated polyester film surfaces, adheres to coated film surfaces perfectly, with a greater bonding quality than any ink previously developed. Rapid-O-Ink's properties of perfect adhesion, rapid drying, water-proof permanence, uniform opacity and blackness, provide line definition far superior to that of any general-purpose drafting ink. Furthermore, the dried lines are sufficiently flexible to bend with the film without flaking or chipping. These proven qualities make Rapid-O-Ink, the "ultimate" ink, the most serviceable ink yet developed for precision engineering drawings on film.

Item No.	Description	Unit Pack
3072-F1	Koh-I-Noor Rapid-O-Ink black drawing ink in ¾ fl. oz. (22 ml.) plastic squeeze bottle, designed for filling all cartridge type Technical Pens.	12 36
3072GLD	Koh-I-Noor Rapid-O-Ink black drawing ink in 1¼ fl. oz. (36 ml.) plastic bottle with dropper stopper, featuring a unique slanted design.	12
3072	Koh-I-Noor Rapid-O-Ink black drawing ink in 1 pint (473 ml.) plastic bottle.	1
3071 OPAQUE COLORS	Koh-I-Noor Opaque Acetate Ink is free-flowing, non-spreading, and easily removed with alcohol. Colors are non-fading and of exceptional permanency. Ideal for writing on acetate, plastics, bakelite and drafting film. Available in ¾ fl.oz.(22 ml.) bottles and 1 pint (473 ml.) containers in 8 vivid colors: red, yellow, blue, black, white, green, orange and brown.	12
3073 TRANSPARENT COLORS	Koh-I-Noor Transparent Acetate Ink is a fast drying removable ink, free from sediment, free-flowing and with excellent adhesion. Especially suitable for drawing or writing on acetate and film for overhead projection in color. Available in ¾ fl.oz.(22 ml.) bottles and 1 pint (473 ml.) containers, in 7 vivid colors: red, yellow, blue, green, orange, violet and brown.	12
3074-F1	Koh-I-Noor Rapidomat Ink is specially formulated for use with automated drafting machines using paper, film or cloth. It contains micro-fine carbon particles which in turn make it freer-flowing than regular drawing inks, while still maintaining a superior dense black line. ¾ fl. oz. (22 ml.) plastic squeeze bottle.	12
3074-GLD	Koh-I-Noor Rapidomat Ink; same as above except in 1¼ fl. oz. (36 ml.) plastic dropper stopper bottle, featuring a unique slanted design.	12
3074	Koh-I-Noor Rapidomat Ink in 1 pint (473 ml.) plastic bottle.	12
3068	Rapido-Eze Pen Cleaner is formulated for cleaning Technical Fountain Pens as well as all other fountain pens. Available in 2 fl. oz. (59 ml.) 1 pint (473 ml.), 1 quart (946 ml.), and 1 gallon (3.785 l.) containers.	12
3068-S6	Rapido-Eze Pen Cleaner in 5.2 fl. oz. (153 ml.) glass jar with a strainer for cleaning small pen parts and points.	12
3069	Koh-I-Noor Rapidograph Cleaning Set has been designed to enable user to keep his Technical Fountain Pens clean and in perfect working order at all times.	1
3084-F1 *OUR NEWEST*	Koh-I-Noor **RAPIDRAW INK** for high performance on drafting film. Heavy concentration of carbon particles in colloidal suspension make **RAPIDRAW INK the blackest of drawing inks**, maintaining uniform opacity and strong adhesion. Permanent, yet easily erased even after long periods of time. In ¾ fl. oz. (22ml.) plastic filler squeeze bottle.	12
3084	Koh-I-Noor **RAPIDRAW INK** in 1 pint (473 ml.) plastic bottle.	1

3072

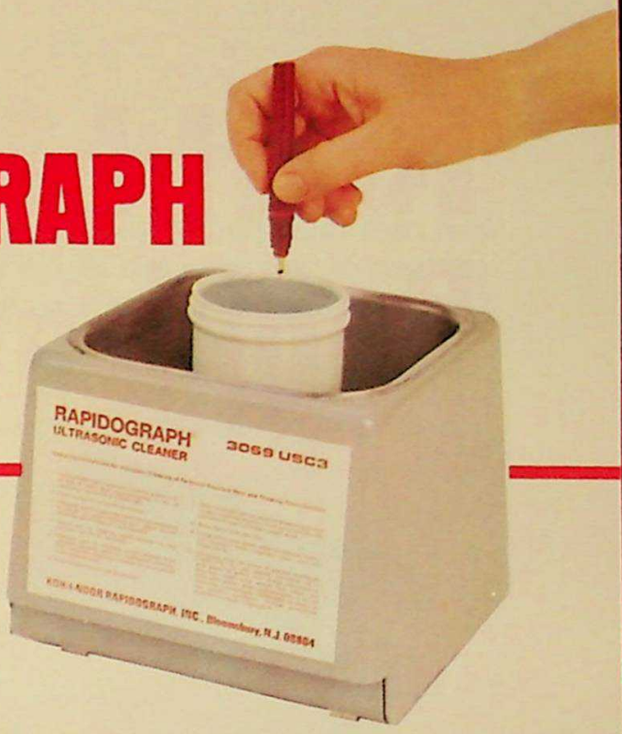
3071

3074

3068

3069

KOH-I-NOOR RAPIDOGRAPH ULTRASONIC CLEANER 3069 USC3



The Rapidograph 3069 USC3 is the latest Koh-I-Noor Ultrasonic Cleaner specifically designed for use in drafting rooms. It fills the need for fast, efficient, economical cleaning of technical fountain pens and drawing point sections.

UL and CSA listed and approved.

On-the-spot cleaning for pens-in-use minimizes interruption of drawing time! A draftsman may spend more than 10 to 20 minutes per day at a washbasin cleaning technical fountain pens. At industry average manhour cost, this could mean about $2.50 per man, per cleaning; one cleaning per man around a 50-man department could cost about $125.00 in man-hours! With the Koh-I-Noor Rapidograph Ultrasonic Cleaner, a draftsman can clean his pen in seconds, virtually without interrupting his work. Depending on the size of the drafting operation, the efficiency of this new cleaner could save hundreds, possibly thousands of dollars annually, through maintenance converted to productive time.

The technical fountain pen doesn't need to be taken apart for cleaning, nor is removal of ink necessary. Just dip the pen up to the cap threads on the barrel. Millions of energized microscopic bubbles—generated by 50,000 cycle ultrasonic action—carry cleaning solution into the smallest openings of the drawing point. Ultrasonic bubbles "scrub" the point tube inside and out, clean the weighted cleansing wire and clear all surfaces of the air vent channel around the point body, working into exposed threadings to remove any accumulations. Ultrasonic action does the job in seconds.

Item No.	Description	Unit Pack
3069 USC3	The Rapidograph Ultrasonic Cleaner has a compact 7.1" x 6.9" x 5.9" Cryolac plastic housing with stainless steel tank. Completely transistorized solid state circuitry. On-off switch. No fan or other moving parts. Accessories supplied are a plastic bottle of specially formulated cleaning concentrate and a small parts cup with strainer.	1
3069 CTR	Container with strainer.	2
3069 CON	8 fl. oz. (236 ml.) bottle of Cleaning Concentrate	1

The unit may be plugged into any 115 volt, 60 cycle AC grounded wall outlet.

KOH-I-NOOR®

Rapidraw Drafting Film

The first polyester film especially formulated for direct ink drafting.

For nearly 20 years, there were only two types of drafting film available — the less expensive film for pencil only and the more expensive film for pencil and ink. Now Koh-I-Noor, after many years of research, introduces *RAPIDRAW* Drafting Film to add an important new dimension as the first polyester film formulated especially for ink. It is available in the standard range of sheet sizes and rolls, coated on one side or both sides.

Virtually indestructible, Koh-I-Noor's polyester film provides the perfect base for engineering drawings that must maintain utmost line precision and highest dimensional stability for even the most demanding microfilm requirements. *RAPIDRAW* Drafting Film is matched perfectly for use with Rapidograph Technical Pens and both Koh-I-Noor and Pelikan Drawing Inks.

These matched components are basic elements in the Rapidraw Microfilm Drafting System (RMDS®) which makes possible permanent, top quality precision drawings ideally suited for repeated erasure of ink and subsequent redrawing . . . perfect reproductions due to high contrast of the drawing ink and the unequalled translucency of the film . . . no loss of detail in microfilming . . . indestructible originals with permanent line adhesion. The quality produced by RMDS® eliminates the need for future restoring and redrawing, thus saving the enormous costs involved in such operations.

Rapidraw Drafting Film conforms to the requirements of Federal Specification L-P-519b Plastic Sheet, Tracing, Glazed and Matte Finish.

UNIQUE QUALITY FEATURES OF RAPIDRAW DRAFTING FILM...

After years of research and development, for the first time the coating of polyester film has been perfected for direct drafting with ink. Ideal compatibility with drawing ink, especially Pelikan and Koh-I-Noor inks. Overall superiority of Rapidraw Drafting Film has been test proved as follows:

1. Best Density with drawing ink, especially Pelikan and Koh-I-Noor Inks
2. Maximum Opaqueness of Ink Line
3. Maximum Precision in Line Definition
4. Easily erased during drafting activities especially with #286 Koh-I-Lar Eraser moistened with #291 Koh-I-Lar Liquid Eraser
5. Totally Clean Erasures Without Ghosting
6. Quality of Surface remains excellent for redrawing even after repeated erasures
7. Adhesion of final ink line on finished drawing is permanent unless deliberate erasure required.
8. Unsurpassed transparency of Rapidraw Drafting Film for maximum contrast and perfect reproductions
9. Finished drawing precision perfect for Microfilming
10. Excellent Dimensional Stability
11. Outstanding Longevity of stored drawing. It retains original whiteness and flexibility of film and permanence of ink line.
12. Coating permanently bonded to polyester base
13. Fine grain, mild tooth assures perfect line definition and minimizes abrasion of pen points. Ink line previously anchored by coarse grain of film now is anchored permanently by surface chemistry.
14. Coating completely even—No streakiness
15. Moisture resistant
16. Resists acid to a pH of 3 and alkali to a pH of 9

TYPES AND SIZES OF SHEETS — 100 Sheets per Package

Product Number		Coated (3 mil polyester base)	Size
7508511	1M3	One Side	8-1/2" x 11"
7508511	2M3	Both Sides	8-1/2" x 11"
7508514	1M3	One Side	8-1/2" x 14"
7508514	2M3	Both Sides	8-1/2" x 14"
7500912	1M3	One Side	9" x 12"
7500912	2M3	Both Sides	9" x 12"
7501117	1M3	One Side	11" x 17"
7501117	2M3	Both Sides	11" x 17"
7501218	1M3	One Side	12" x 18"
7501218	2M3	Both Sides	12" x 18"
7501722	1M3	One Side	17" x 22"
7501722	2M3	Both Sides	17" x 22"
7501824	1M3	One Side	18" x 24"
7501824	2M3	Both Sides	18" x 24"
7502234	1M3	One Side	22" x 34"
7502234	2M3	Both Sides	22" x 34"
7502236	1M3	One Side	22" x 36"
7502236	2M3	Both Sides	22" x 36"
7502436	1M3	One Side	24" x 36"
7502436	2M3	Both Sides	24" x 36"
7503042	1M3	One Side	30" x 42"
7503042	2M3	Both Sides	30" x 42"

TYPES AND SIZES OF ROLLS

Product Number		Coated (3 mil polyester base)	Size
7553020	1M3	One Side	30" x 20 yds.
7553020	2M3	Both Sides	30" x 20 yds.
7553620	1M3	One Side	36" x 20 yds.
7553620	2M3	Both Sides	36" x 20 yds.
7554220	1M3	One Side	42" x 20 yds.
7554220	2M3	Both Sides	42" x 20 yds.
7555420	1M3	One Side	54" x 20 yds.
7555420	2M3	Both Sides	54" x 20 yds.
7553050	1M3	One Side	30" x 50 yds.
7553050	2M3	Both Sides	30" x 50 yds.
7553650	1M3	One Side	36" x 50 yds.
7553650	2M3	Both Sides	36" x 50 yds.
7554250	1M3	One Side	42" x 50 yds.
7554250	2M3	Both Sides	42" x 50 yds.

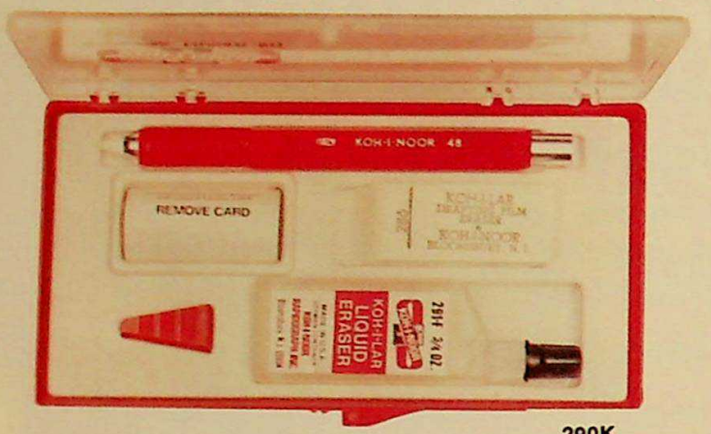
Available on special order

1. Sheet and roll sizes other than those listed above.
2. Polyester Base thickness of 2 mil, 4 mil, 5 mil or 7 mil.
3. Formats printed according to customer specifications.

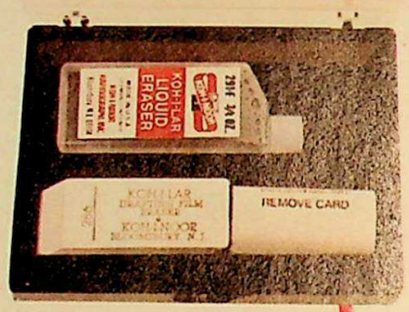
Rapidraw Drafting Film conforms to the requirements of Federal Specification L-P-519b Plastic Sheet, Tracing, Glazed and Matte Finish.

KOH-I-NOOR® ERASER KITS

Developed for easy removal of ink from drafting film. The trend in engineering drafting is to direct ink drafting on film. A major factor in this trend is the confidence that ink details on film can be quickly and easily erased. After erasure, additions or corrections have the same high quality as the original drawing.



290K

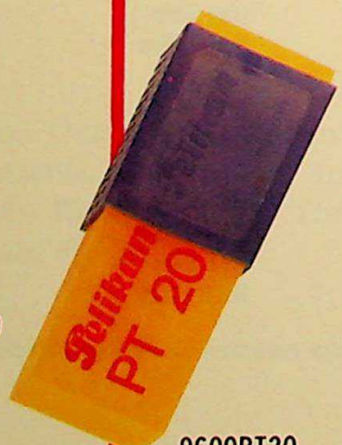


290S

286

289K

291-F



9600PT20

Item No.	Description	UNIT PACK
290K	Rapidraw Eraser Kit: Koh-I-Lar film eraser No. 286; ¾ fl. oz. (22 ml.) squeeze bottle of Koh-I-Lar liquid eraser No. 291-F; Koh-I-Lar eraser strip No. 289; eraser strip holder No. 48; eraser strip sharpener No. 1023; and a sponge.	1
290S	Rapidraw Eraser Kit: Koh-I-Lar film eraser No. 286; ¾ fl. oz. (22 ml.) squeeze bottle of Koh-I-Lar liquid eraser No. 291-F; and a sponge.	1
289K	Drafting Film Eraser Kit: 3 Koh-I-Lar eraser strips No. 289; eraser strip holder No. 48; and 1 eraser strip sharpener No. 1023.	1
286	Koh-I-Lar Drafting Film Eraser is especially formulated for erasing pencil and ink on drafting film without marring surface. Packed 12 per box.	12
288	Koh-I-Lar Drafting Film Eraser Strips (.266″ x 7″) are designed for use in electric erasing machine. Same formulation as No. 286 eraser. Packed 12 per box.	12
289	Koh-I-Lar Drafting Film Eraser Strips (.215″ x 4¾″) are same formulation as No. 288, only smaller size. Packed 12 per box.	12
291-F	Koh-I-Lar Liquid Eraser (Non-Flammable) erases completely without marring surface. Designed for removing ink lines from polyester base drafting film. Available in ¾ fl. oz. (22 ml.) plastic squeeze bottle.	12
291	Same as above. Available in 1 pint (473ml.), 1 quart (946ml.) and 1 gallon (3.785 l.) plastic containers.	1
292-F	Koh-I-Lar Super Strength Liquid Eraser, especially effective for removing aged ink lines and for erasure of large surface areas at once. Available in ¾ fl. oz. (22 ml.) plastic squeeze bottle.	12
292	Same as above. In larger 8 fl. oz. (236 ml.) plastic container.	1
9600 PT20	Pelikan Imbibed Eraser for erasing ink lines from polyester films with emulsion surfaces and from tracing paper. Erasing fluid is contained within solid eraser being released during erasing operation.	20

KOH-I-NOOR® PRECISION TEMPLATES

Item No. Description Unit Pack

831016 **6 sheets per pack**

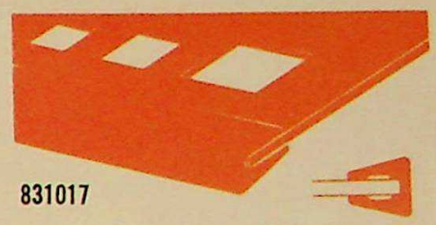
LIFT AIDS

Pressure-sensitive dots and strips to fit and lift any template for ink work.

831017 **12 strips per pack**

EDGE STRIPS

To elevate templates for ink work.



831017

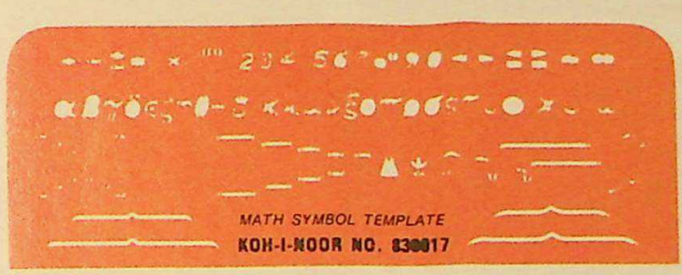
Koh-I-Noor Templates for use with Koh-I-Noor Rapidograph and Rapidometric Technical Fountain Pens, as well as Koh-I-Noor Drawing leads and pencils. Templates are 100% transparent, allowing full visibility; their orange color prevents any shadows, yet stands out brilliantly against the drafting surface. Templates are .030″ thick unless specifically stated otherwise. Each template is individually packaged on a blister card which reveals the design and protects it from damage. Centering lines are printed where applicable.

830017 **1**

MATH SYMBOLS

Contains all mathematical symbols including brackets, parentheses, root symbols, integrals, numbers and Greek Letters.

Size: 2⅜″ x 6⅛″.



830017

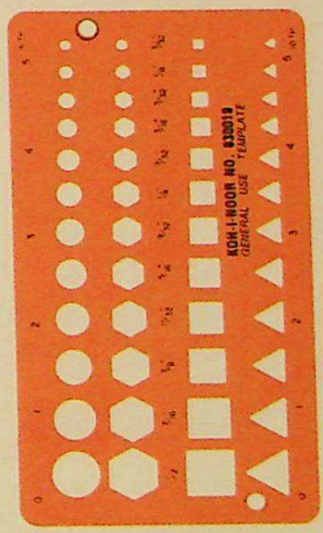
830019 **1**

GENERAL USE

Circles, hexagons, squares and triangles from 3/32″ to ½″. Two 5″ scales in 10ths and 16ths.

Size: 5¾″ x 3¼″.

(also available in metric, No. 832019)



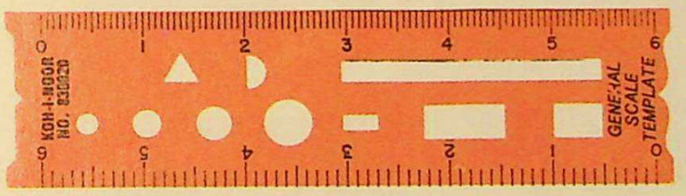
830019

830020 **1**

GENERAL SCALE

Pocket rule with scales in 10ths and 16ths and common symbols for field sketches and other drawings.

Size: 6½″ x 1¾″.



830020

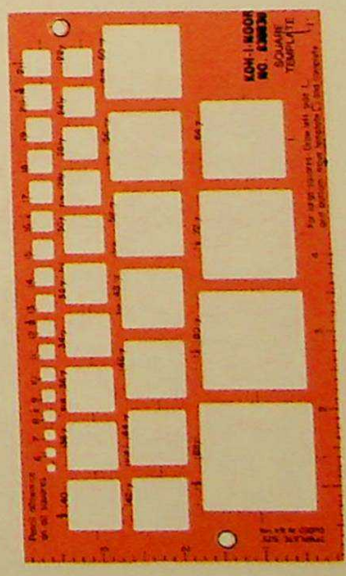
830030 **1**

SQUARE
(replaces No. 8246-76)

Square sizes from 1/16″ to 11/32″ in increments of 1/64 of an inch. From ⅜″ to ¾″ in increments of 1/32 of an inch. From 13/16″ to 1″ in increments of 1/16 of an inch. From 1⅛″ to 1⅜″ in increments of ⅛ of an inch.

Size: 4″ x 7¼″.

(also available in metric, No. 832030)



830030

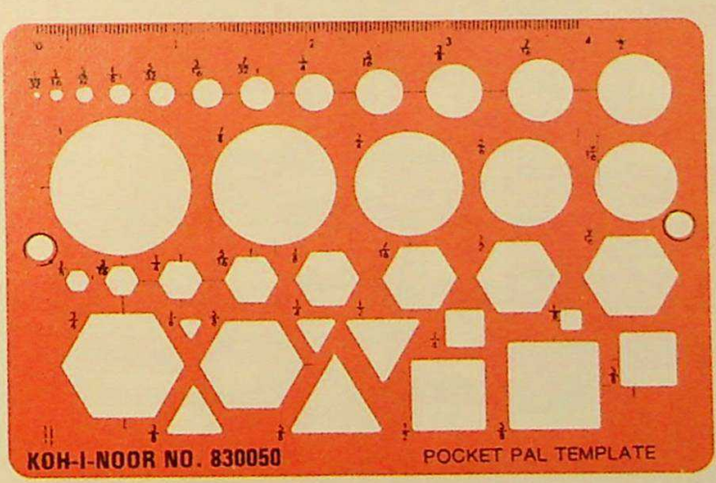
830050 **1**

POCKET PAL
(replaces No. 8246-70)

Circles 1/32″ to 1″. Hexes ⅛″ to ¾″. Squares ⅛″ to ⅝″. Deltas ⅛″ to ⅝″. Inch scale.

Size: 5⅛″ x 3 7/16″.

(also available in metric, No. 832050)



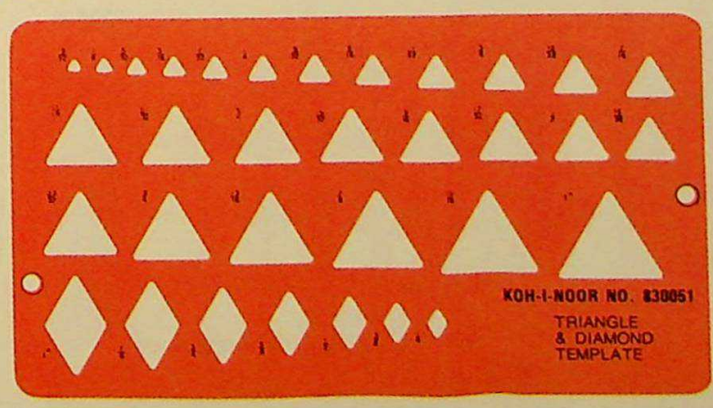
830050

830051 **1**

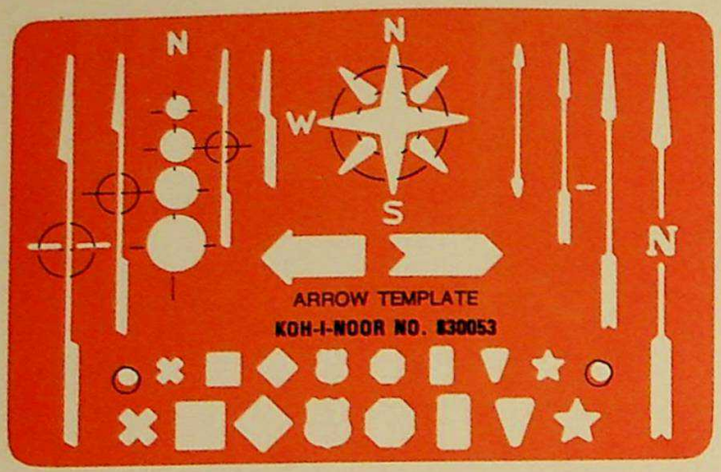
TRIANGLE AND DIAMOND

26 triangles from 3/32″ to 1″. 3/32″ to ¾″ in increments of 1/32″. 13/16″ to 1″ in increments of ⅛″. 7 diamonds from ¼″ to 1″ in increments of ⅛″. Using triangles back to back, diamonds of up to 2″ can be drawn.

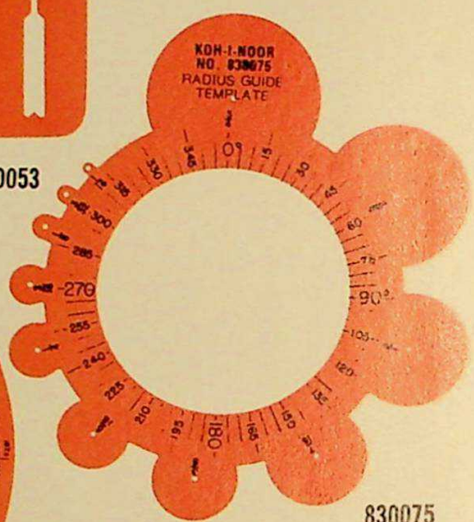
Size: 4″ x 7¼″.



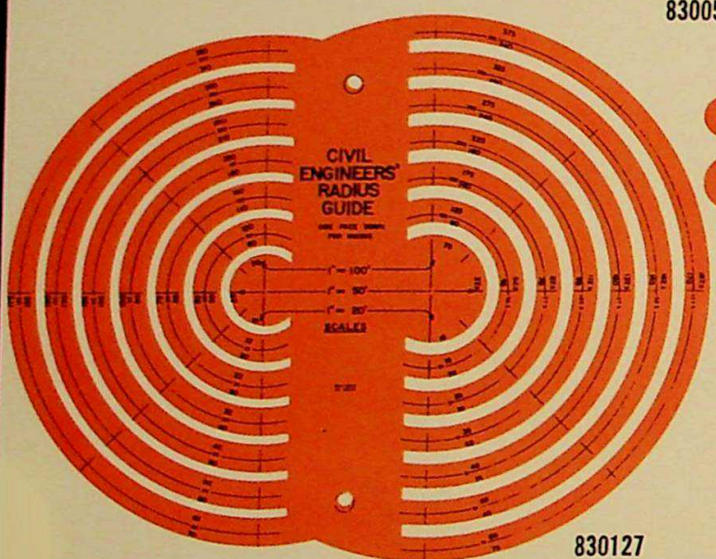
830051



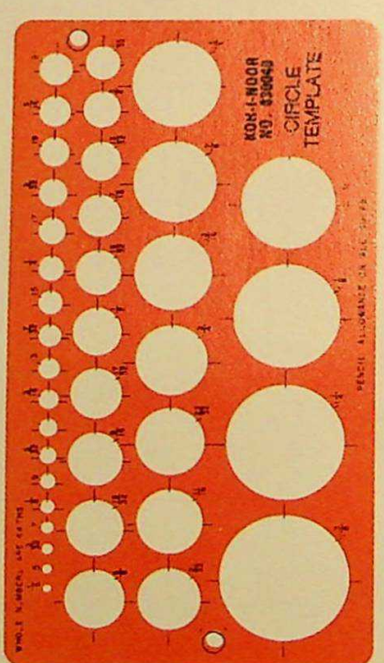
830053



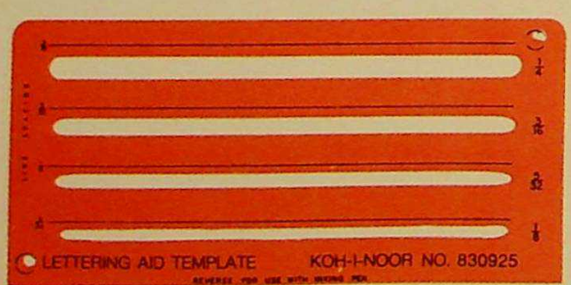
830075



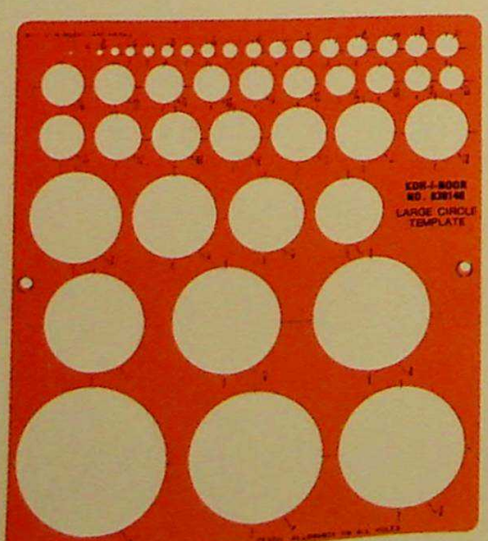
830127



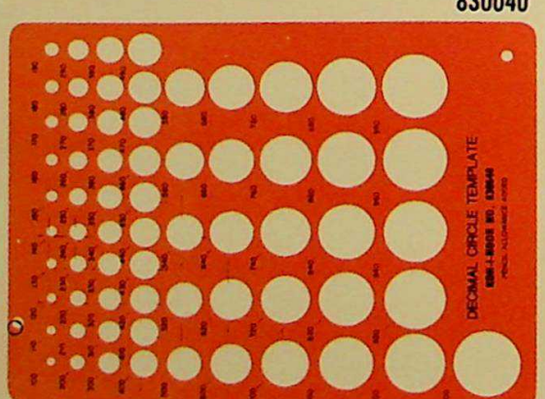
830040



830925



830140



830540

Item No.	Description	Unit Pack

830053 1

ARROW
(replaces No. 8246-48)

Contains arrows, North indicators, traffic and road-sign markers.
Size: 6″ x 4″.

830075 1

RADIUS GUIDE
(replaces No. 8246-15)

A quick and accurate way to describe radii from 1/16″ up to 3/4″.
Size: 4½″ approx.
(also available in metric, No. 832075)

830127 1

CIVIL ENGINEERS' RADIUS

26 radii can be drawn and 12 additional radii can be used for center locating. Markings are in scale of 20′, 50′ and 100′ to the inch.
Size: 9½″ x 7½″. Thickness: .060″.

830925 1

LETTERING AID

Cut-outs for letter sizes 1/8″, 5/32″, 3/16″ and 1/4″. Guide lines for equidistant spacing.
Size: 6 13/16″ x 3 5/16″. Thickness: .060″.

830040 1

CIRCLE
(replaces No. 8246-17)

Diameters from 1/16″ to 11/32″ in increments of 1/64 of an inch. From 3/8″ to 3/4″ in increments of 1/32 of an inch. From 7/8″ to 1″ in increments of 1/16 of an inch. From 1 1/8″ to 1 3/8″ in increments of 1/8 of an inch.
Size: 4″ x 7¼″.
(also available in metric, No. 832040)

830140 1

LARGE CIRCLE

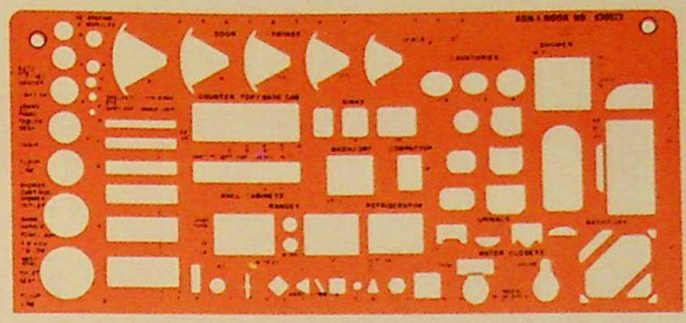
45 circles, diameter size 1/16″ to 2¼″ in varying increments.
Size: 7¼″ x 8¼″.

830540 1

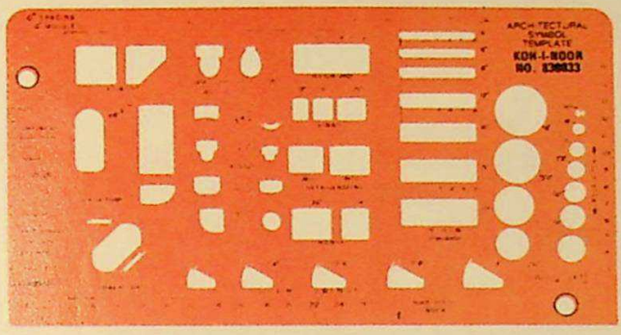
DECIMAL CIRCLE

66 circles from .100″ to 1.000″. Diameter sizes from .100″ to .500″ in increments of .020″. Increments of .010″ and .020″ are in horizontal rows and increments of .100″ are in vertical rows.
Size: 6⅛″ x 8⅛″.

KOH-I-NOOR® PRECISION TEMPLATES



830022



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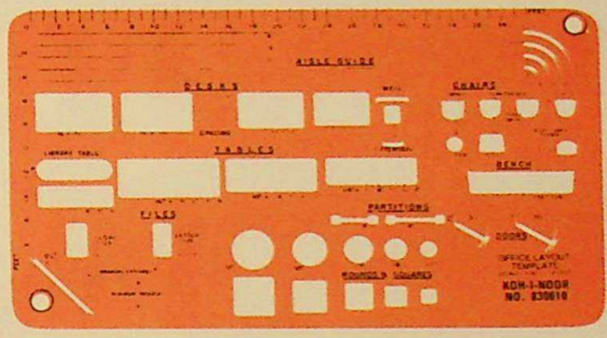
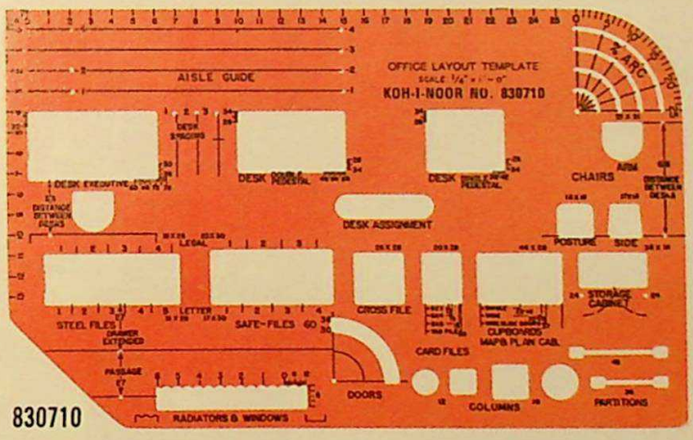


830610



830710

Item No.	Description	Unit Pack
830022		1

ARCHITECTURAL SYMBOL

Most commonly used symbols by architects, builders and contractors.
Scale: ¼″ = 1′. Size: 9½″ x 4½″.

830033 1

ARCHITECTURAL SYMBOL

Most commonly used symbols by architects, builders and contractors.
Scale: ⅛″ = 1′. Size: 6¼″ x 3⁵⁄₁₆″.

830610 1

OFFICE LAYOUT

Symbols for most office furniture and equipment. ⅛″ = 1′ scale.
Size: 6″ x 3⅜″.

830710 1

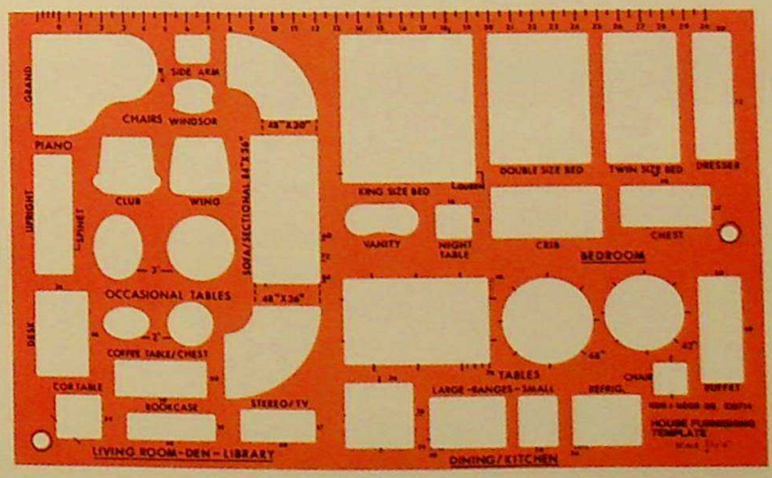
OFFICE FURNITURE

Symbols for most office furniture and equipment. ¼″ = 1′ scale.
Size: 5″ x 8″.

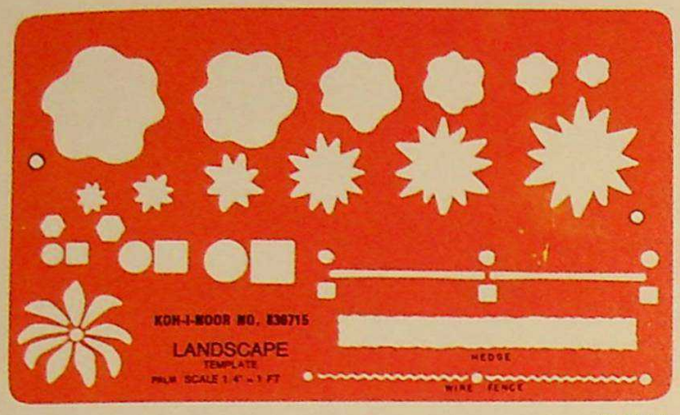
830714 1

HOUSE FURNISHING (replaces No. 8246-50)

For planning furniture and appliance arrangements, or for rearrangement of existing layouts. ¼″ = 1′ scale.
Size: 8″ x 5½″.



830714



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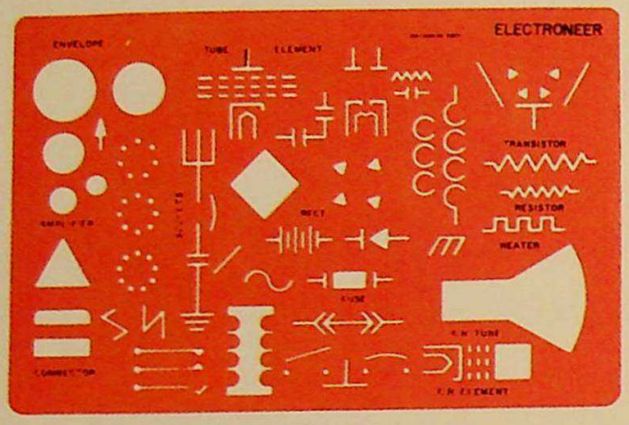
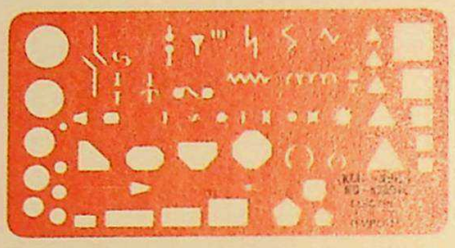


830031



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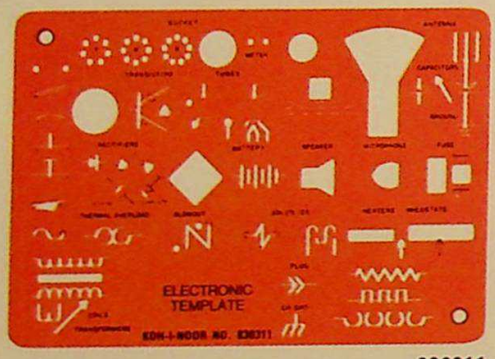

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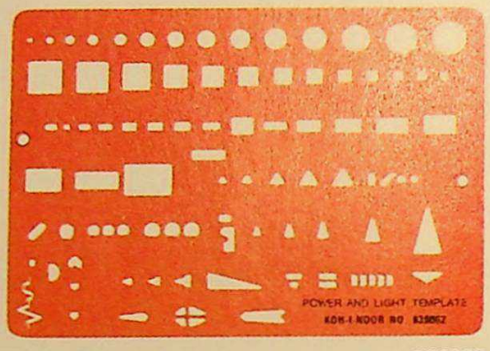

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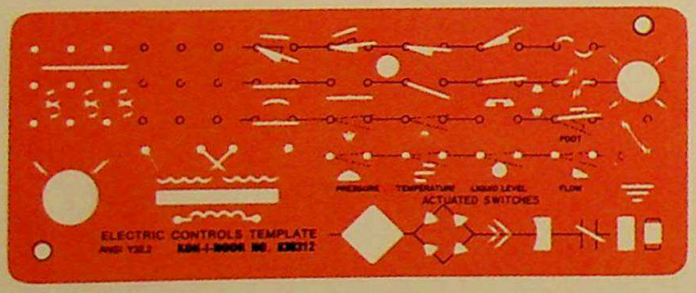

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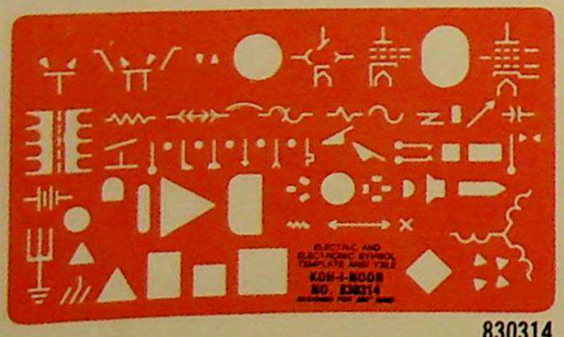

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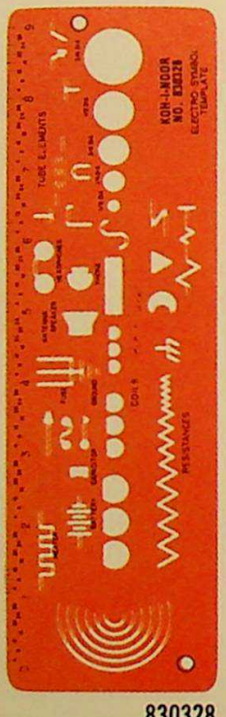


830328

Item No.	Description	Unit Pack

830715 1

LANDSCAPE

Symbols for landscape layout. ¼″ = 1′ scale.

Size: 7¾″ x 5″.

830031 1

ELECTRO
(replaces No. 8246-80)

All electronic symbols, including diagramatic elements of the electronic and cathode ray tubes. Also tube bases of the 4, 7 and 8 prong type.

Size: 4¼″ x 6½″. Thickness: .060″.

830045 1

ELECTRIC UTILITY

Symbols of component parts or elements, such as coils, connections, contacts, instruments, transformers, etc.

Size: 6″ x 3¼″.

830062 1

POWER AND LIGHT

Symbols of equipment carrying load from source of power to consumer, after design by the Bureau of Reclamation.

Size: 7½″ x 5½″.

830311 1

ELECTRONIC

Electrical symbols for designers and draftsmen.

Size: 7″ x 5″.

830312 1

ELECTRIC CONTROL

Symbols to assist in depiction of circuits in electrically controlled machinery and electric automation of production processes.

Size: 9″ x 3⅜″.

830314 1

ELECTRICAL AND ELECTRONIC SYMBOL

For .200 grid. ANSI Y32.2.

Size: 7″ x 4″. Thickness: .060″.

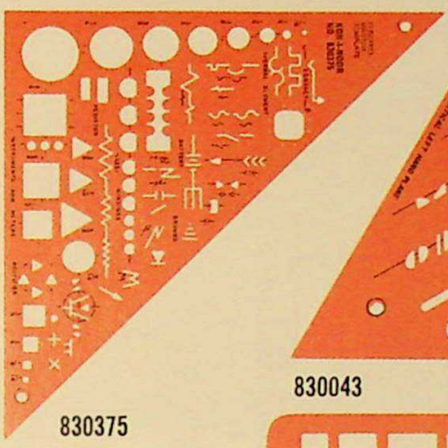
830328 1

ELECTRO SYMBOL

Symbols in the electronics field (radio, electronics, television) can easily be made by combining various contours.

Size: 2⅞″ x 10″.

KOH-I-NOOR® PRECISION TEMPLATES



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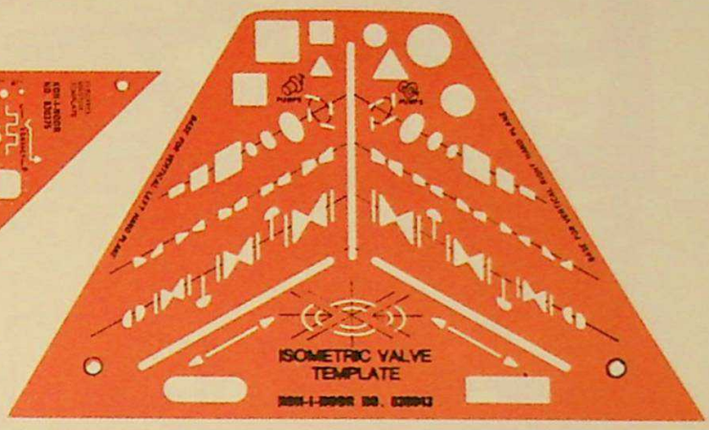

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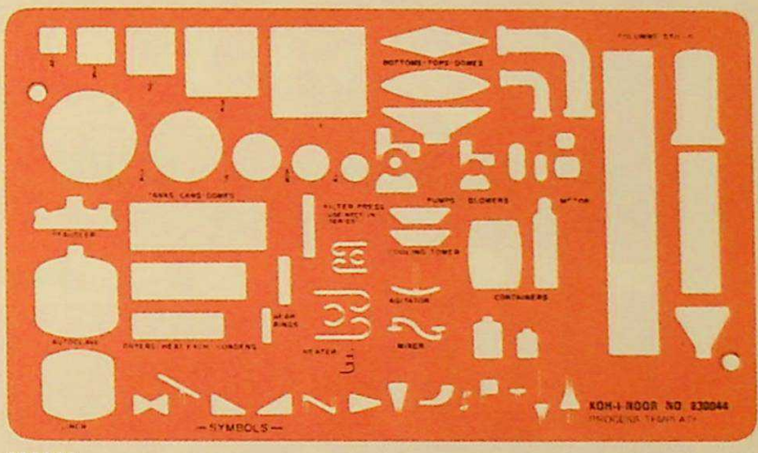
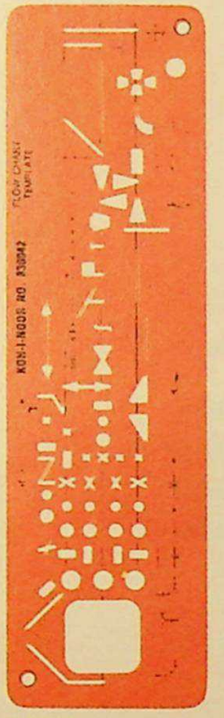
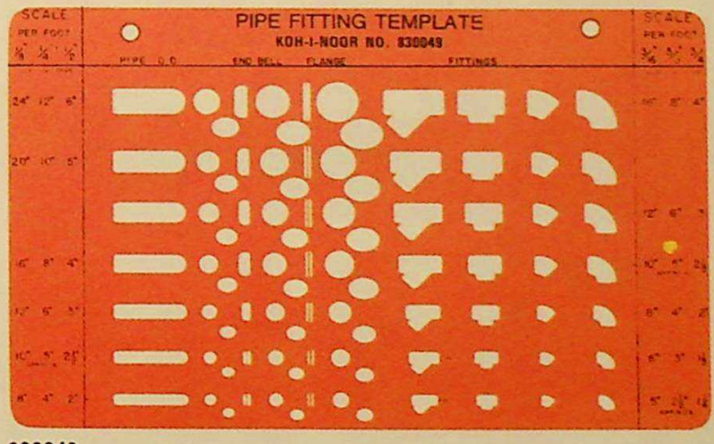


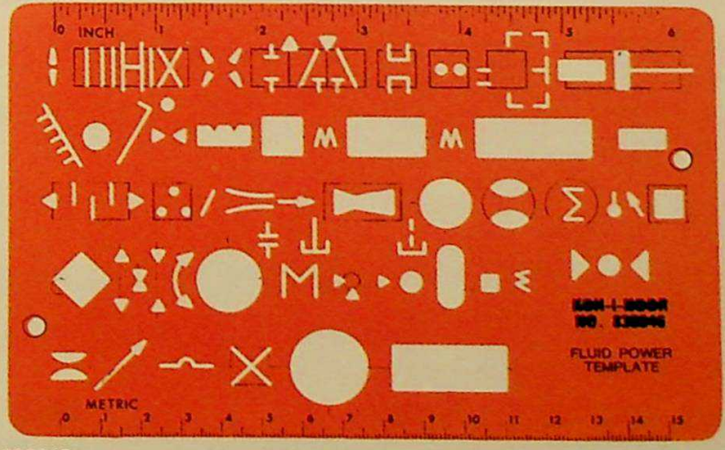
830044



830042



830049



830046

Item No.	Description	Unit Pack

830375 1

ELECTRO MASTER

Contains electrical and other symbols for the utility, power and light fields.
Size: 8″ 45° triangle. Thickness: .060″

830042 1

FLOW CHART

For layout of pipes and plumbing — gas, oil, water or chemical.
Size: 3″ x 10″.

830043 1

VALVE-ISOMETRIC
(replaces No. 8246-96)

Symbols for all components of piping system such as valves, flanges, elbows, reducers, caps and pumps, for quick and easy isometric drawing of pipe diagrams.
Size: 5¼″ x 8½″.

830044 1

PROCESS

For flow sheet diagrams in the chemical, food, petroleum, plastic and allied industries.
Size: 5″ x 8″.

830049 1

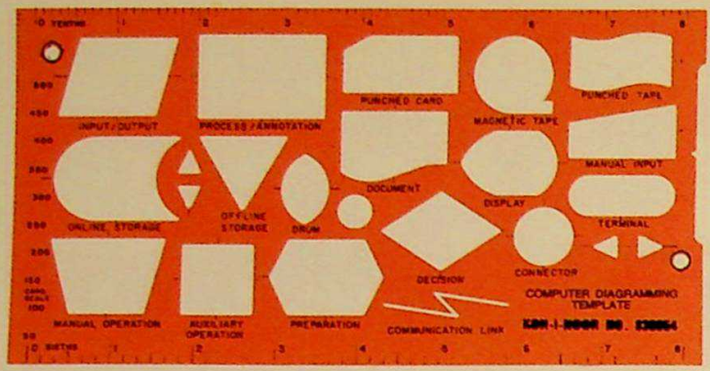
PIPE FITTING

Symbols for piping systems.
Size: 8″ x 5¼″.

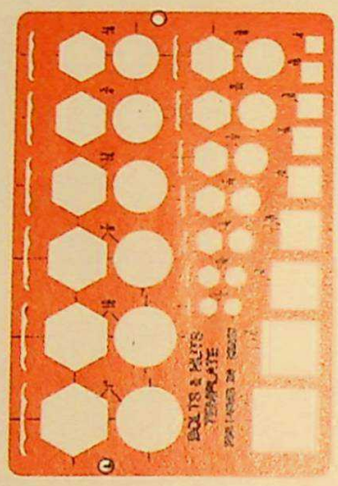
830046 1

FLUID POWER
(replaces No. 8246-92)

Contains most graphic symbols for fluid power diagramming, as derived from ANSI Y32.
Size: 6⅞″ x 4½″.



830054



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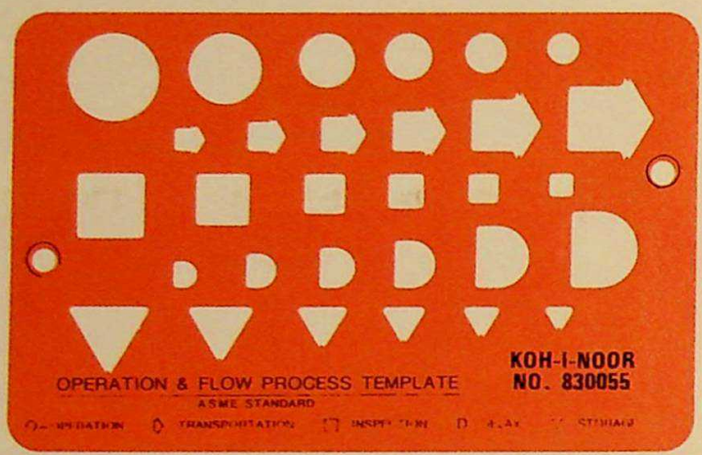

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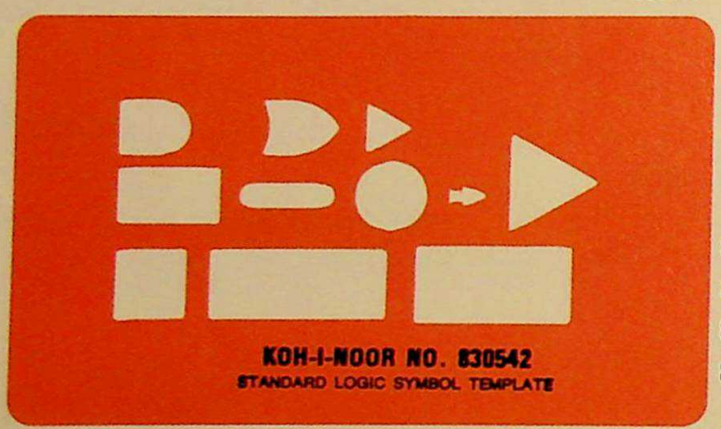
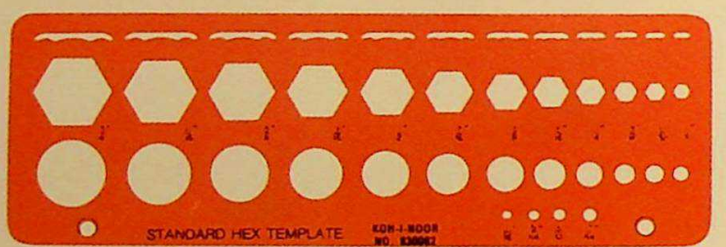
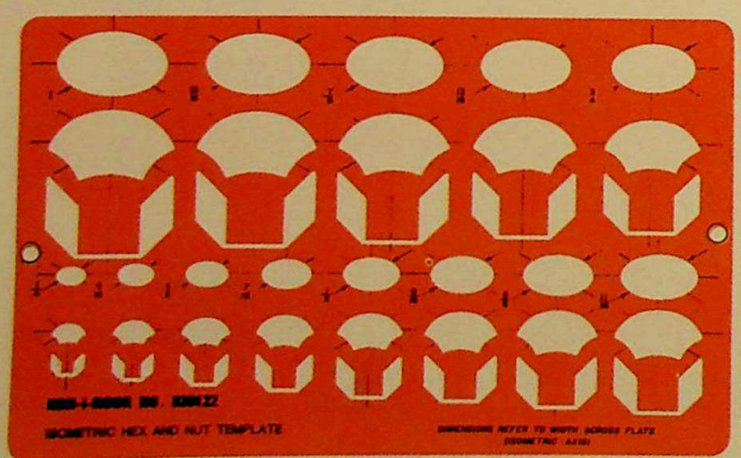


830541
830542
830543
830544



830082



830122

See description on next page.

Item No.	Description	Unit Pack

830054 1

COMPUTER DIAGRAMMING (replaces No. 8246-75)

Flow chart symbols in accordance with ANSI X 3.5, and card volume scale.

Size: 8⅜″ x 4½″.

830055 1

OPERATION AND FLOW PROCESS (replaces No. 8246-72)

Symbols, in six most popular sizes, can be used for operation and flow process charts in factory and office.

Size: 5⅜″ x 3¾″.

STANDARD LOGIC

Standard Logic Symbols for digital processing. MIL-STD 806 and Y32.14. Thickness: .060″.

830541 1

FULL SIZE

Size: 7¾″ x 4″.

830542 1

HALF SIZE (replaces No. 8246-41)

Size: 5″ x 3″.

830543 1

¾ SIZE (replaces No. 8246-41)

Size: 6⅜″ x 3½″.

830544 1

⅜ SIZE

Size: 5″ x 3″.

830057 1

BOLTS AND NUTS (replaces No. 8246-26)

Contains 13 hexagons in 1/16″ increments. 13 circles for tangent or chamfer circles for the hexagon and circles for bolt body diameters. Range is from ¼″ to 1″. 13 cut-outs for hexagon sizes, and 9 cut-outs for square heads and nuts.

Size: 7⅜″ x 5″.

(also available in metric, No. 832057)

830082 1

STANDARD HEX

12 each hexagons, circles and chamfer crescents, from ⅛″ to ¾″, as measured across the flats.

Size: 7⅞″ x 2¾″.

KOH-I-NOOR® PRECISION TEMPLATES

Item No. Description Unit Pack

830122 1

ISOMETRIC HEX AND NUT (replaces No. 8246-13)

13 sizes from ¼″ to 1″, as measured across the isometric axes, in increments of 1/16″.

Size: 8 3/16″ x 5⅛″.

830073 1

SMALL ELLIPSE

Contains 120 ellipses with 12 projections from 10° to 80°. 10° to 50° in 5° increments. 50° to 80° in 10° increments. 10 sizes 3/32″ to 5/16″.

Size: 6″ x 6⅛″. Thickness: .020″.

830077 1

ELLIPSE (replaces No. 8246-60)

60 Ellipses from ¼″ to 1⅜″. Projections of 25°, 35° 16′, 45° and 60°.

Size: 5″ x 10 7/16″.

(also available in metric, No. 832077)

830078 1

ELLIPSE

60 Ellipses from ¼″ to 1⅜″. Projections of 20°, 30°, 40° and 50°.

Size: 5″ x 10 7/16″.

830123 1

ISOMETRIC ELLIPSE (replaces No. 8246-56)

38 Ellipses of 35° 16′ from ⅛″ to 1 9/16″.

Size: 11¼″ x 6⅝″. Thickness: .040″.

830124 1

LARGE ISOMETRIC ELLIPSE (replaces No. 8246-64)

25 Ellipses, from 1½″ to 2″ in increments of ⅛″, from 2″ to 7″ in ¼″ increments. All ellipses are drawn in halves and lined up on their large axes. Dimensions pertain to isometric axes.

Size: 10″ x 6″. Thickness: .060″.

(also available in metric, No. 832124)

830401-45 1

ELLIPSE PROJECTIONS 45° (replaces No. 8246-59)

Ellipse size from ⅜″ to 2¾″, major axis.

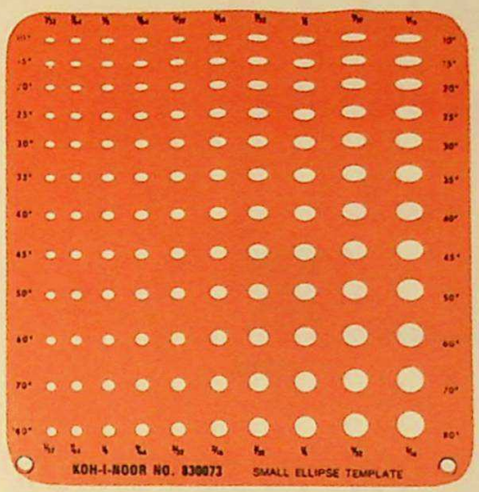
Size: 4¾″ x 9¾″.

832019 1

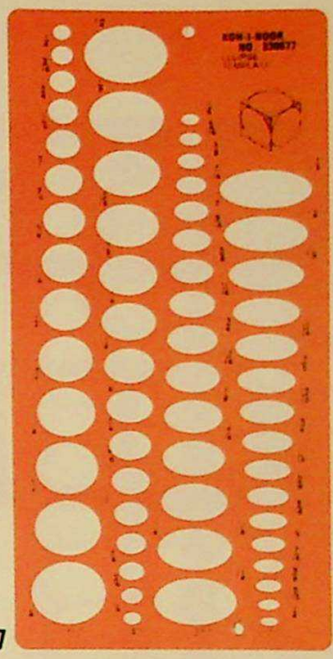
GENERAL USE-METRIC

Circles, hexagons, squares and triangles, from 3mm to 14mm. Also 150mm scale.

Size: 16 x 8, 8cm (6¼″ x 3½″)



830073



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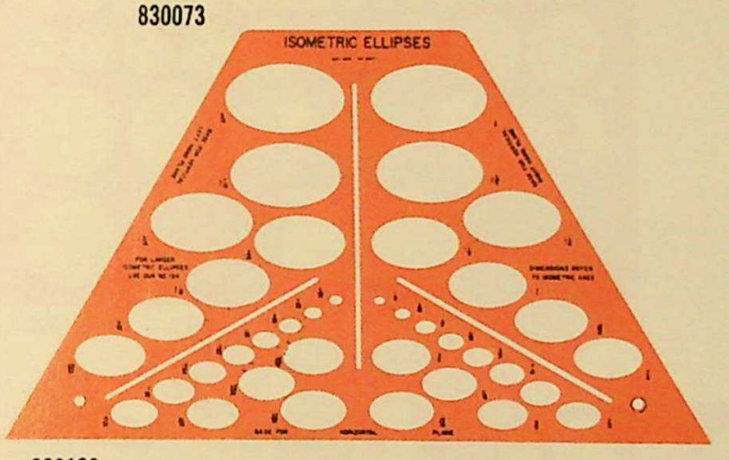
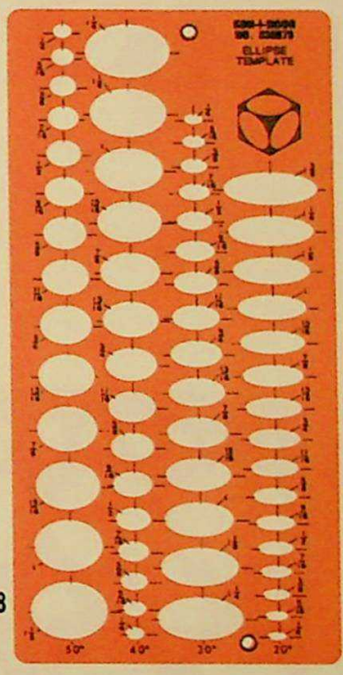
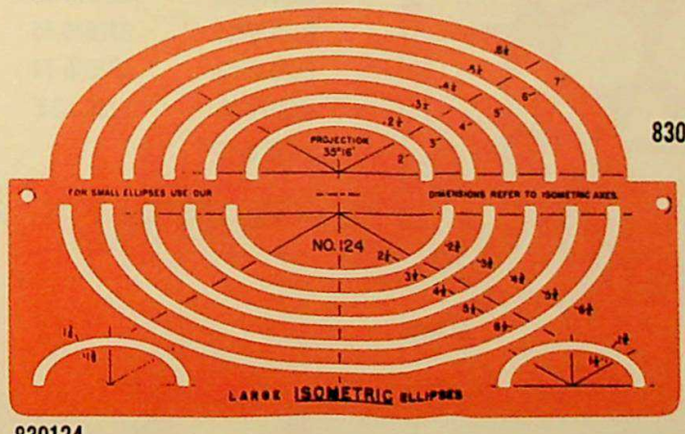


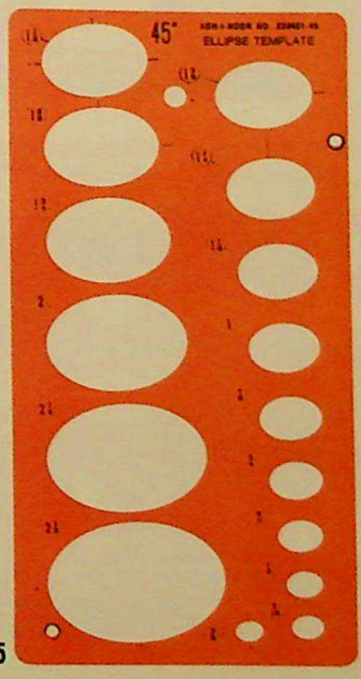
830123



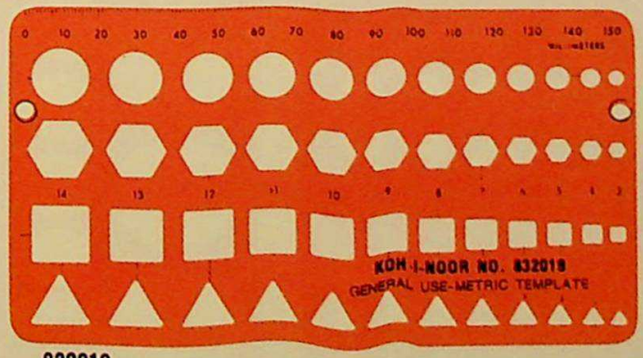
830078



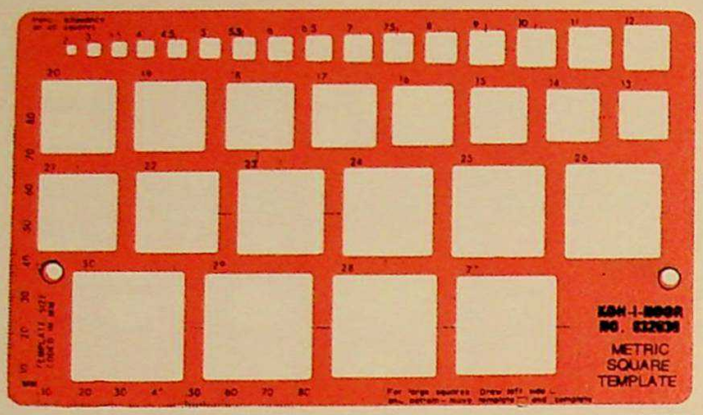
830124



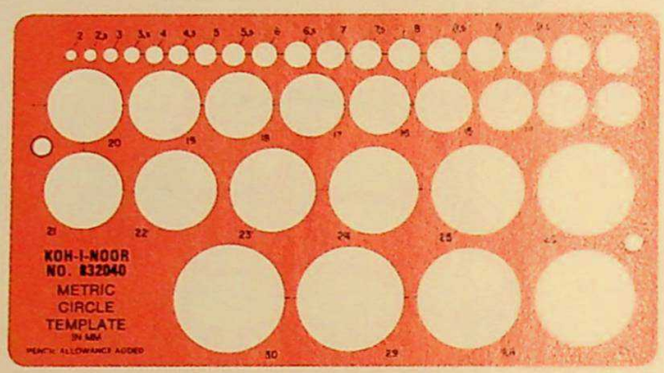
830401-45



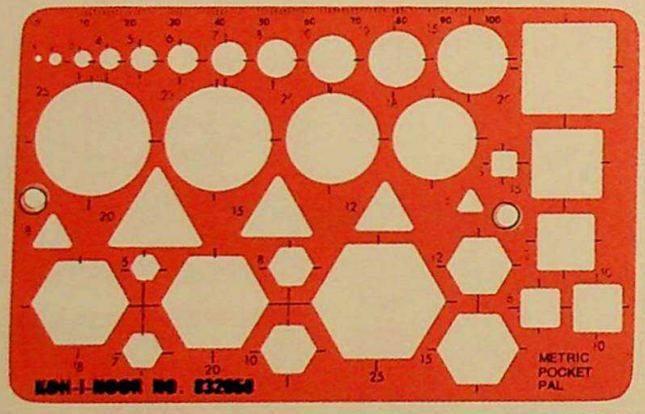
832019



832030

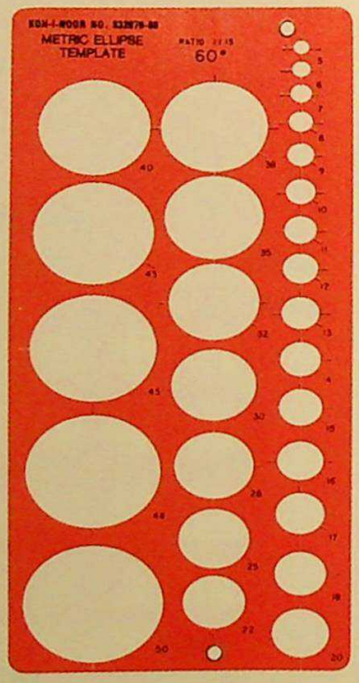


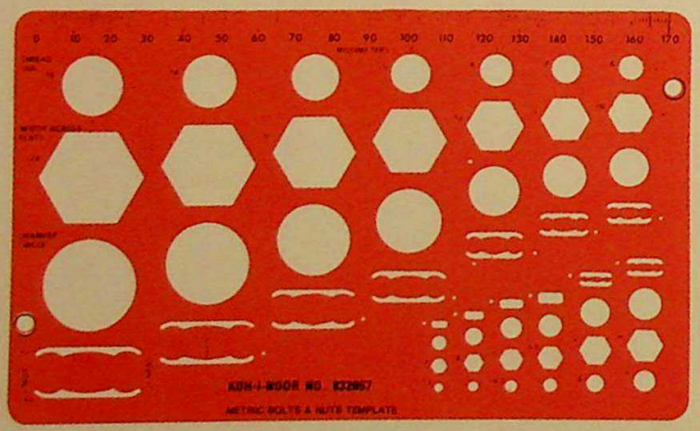
832040



832050

832070-15
832070-20
832070-25
832070-30
832070-35
832070-40
832070-45
832070-50
832070-55
832070-60
832070SE





832057

Item No.	Description	Unit Pack

832030 1

SQUARE-METRIC
(replaces No. 8246-73)

34 squares from 2mm to 30mm. 0,5mm increments from 2mm to 8mm. 1mm increments from 8mm to 30mm. Up to 80mm squares can be made with mm scales on 2 sides.

Size: 11, 3 x 19cm (7½″ x 4½″)

832040 1

CIRCLE-METRIC
(replaces No. 8246-16)

37 circles with diameters from 2 to 30mm. Circle diameter sizes from 2 to 10mm in increments of 0,5mm and from 11 to 30mm in increments of 1mm.

Size: 10 x 17, 5cm. (4″ x 7″)

832050 1

POCKET PAL-METRIC
(replaces No. 8246-71)

Most commonly used sizes of circles, hexagons, triangles and squares. Also 100mm scale.

Size: 9 x 14cm (3½″ x 5½″)

832057 1

BOLTS AND NUTS-METRIC
(replaces No. 8246-24)

Cut-outs for thread diameter, hexagons, chamfer circles and side elevation of crowns of hexnuts. Bolt sizes from 1,6mm to 16mm. Also 170mm scale.

Size: 11,5 x 18, 5cm. (4½″ x 7¼″)

ELLIPSE-METRIC

10 templates from 15° to 60° in increments of 5°. Major axes from 5mm to 50mm.

Sizes: 12, 5 x 25cm. (4¾″ x 9¾″)

832070-15 1
15° (replaces No. 8247-15)

832070-20 1
20° (replaces No. 8247-20)

832070-25 1
25° (replaces No. 8247-25)

832070-30 1
30° (replaces No. 8247-30)

832070-35 1
35° (replaces No. 8247-35)

832070-40 1
40° (replaces No. 8247-40)

Continued on next page.

KOH-I-NOOR® PRECISION TEMPLATES

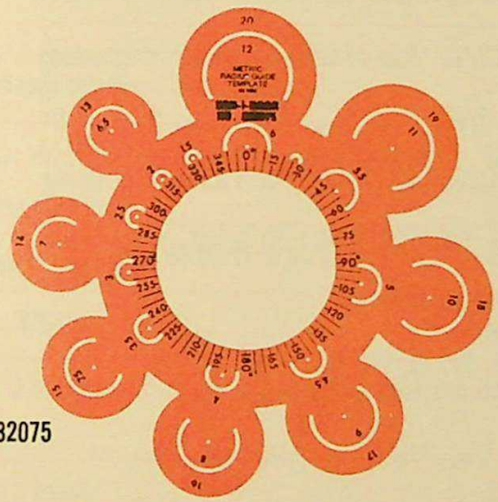
Item No.	Description	Unit Pack
832070-45	**45° (replaces No. 8247-45)**	1
832070-50	**50° (replaces No. 8247-50)**	1
832070-55	**55° (replaces No. 8247-55)**	1
832070-60	**60° (replaces No. 8247-60)**	1
832070SE	**SET OF ALL 10 METRIC ELLIPSE TEMPLATES (replaces No. 8247SET)**	1

832075 1

RADIUS GUIDE-METRIC (replaces No. 8246-09)

Contains 27 radii from 1mm to 20mm, in 0,5 increments from 1mm to 7,5mm and in 1mm increments from 8mm to 20mm.

Size: 15cm approx. (5¾ ″)



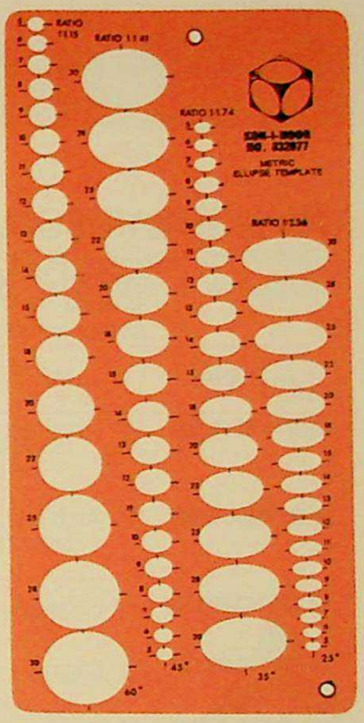
832075

832077 1

ELLIPSE-METRIC (replaces No. 8246-69)

Projections of 25°, 35°, 45°, 60°. Total of 68 ellipses, ranging from 5mm to 30mm. 1mm increments from 5mm to 15mm. Larger sizes in varying increments.

Size: 12, 5 x 26,5cm. (5″ x 10½ ″)



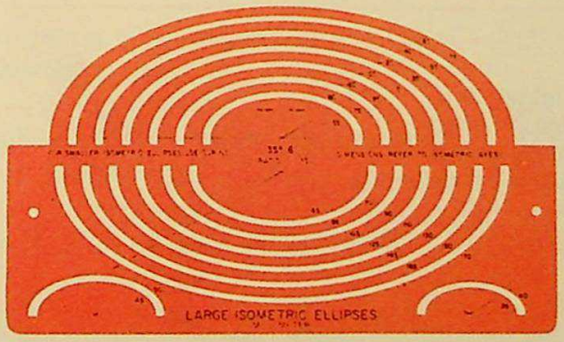
832077

832124 1

LARGE ISOMETRIC ELLIPSE-METRIC (replaces No. 8248-36)

29 ellipses from 35mm to 175mm in 5mm increments. All are drawn in halves and lined up on their large axes.

Size: 15,5 x 25 cm. (6″ x 9¾ ″)
Thickness: 1,6mm. (.060″)



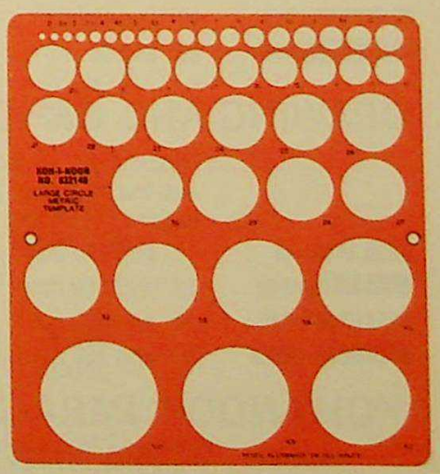
832124

832140 1

LARGE CIRCLE-METRIC

44 circles from 2mm to 50mm in varyingly increasing increments.

Size: 18,5 x 21 cm. (7¼ ″ x 8¼ ″)



832140

KOH-I-NOOR® SCALES

TRIANGULAR SCALES

with six divisions, engine divided, grooves, in three colors. White dimensionally stable, unbreakable plastic, professional grade.

Item No.	Length	Divisions	Unit Pack
8230A12	12″ Architect	3, 1½, ¾, ⅜, 3/16, 3/32, 1, ½, ¼, ⅛ inch per foot, one bevel in 1/16 inch	**1** in strong plastic sheath
3276A12	12″ Architect	3, 1½, ¾, ⅜, 3/16, 3/32, 1, ½, ¼, ⅛ inch per foot, one bevel in 1/16 inch	**1** in plastic sheath
8230E12	12″ Engineer	1/10, 1/20, 1/30, 1/40, 1/50, 1/60 inch	**1** in strong plastic sheath
3276E12	12″ Engineer	1/10, 1/20, 1/30, 1/40, 1/50, 1/60 inch	**1** in plastic sheath
8230M01	12″ Metric	1:1, 1:20, 1:25, 1:50, 1:75, 1:125	**1** in strong plastic sheath
8230M03	12″ Metric	1:2½, 1:5, 1:10, 1:20, 1:50, 1:100	**1** in strong plastic sheath

with six divisions, engraved graduations, white plastic, school grade.

3272	12″ Architect	3, 1½, ¾, ⅜, 3/16, 3/32, 1, ½, ¼, ⅛ inch per foot, one bevel in 1/16 inch	**1**
3274	12″ Engineer	1/10, 1/20, 1/30, 1/40, 1/50, 1/60 inch	**1**
3272M	12″ Metric	1:20, 1:33⅓, 1:40, 1:50, 1:80, 1:100	**1**

SUPER RULERS

crystal-clear acrylic, with orange center and rubber strip (2 rubber strips in 16″ and 20″ rulers) to prevent sliding on drawing surface. 2 bevels, precision-divided in cm and inches

8227-8	8″ and 20 cm	**12**
8227-12	12″ and 30 cm	**12**
8228-16	16″ and 40 cm	**12**
8228-20	20″ and 50 cm	**12**

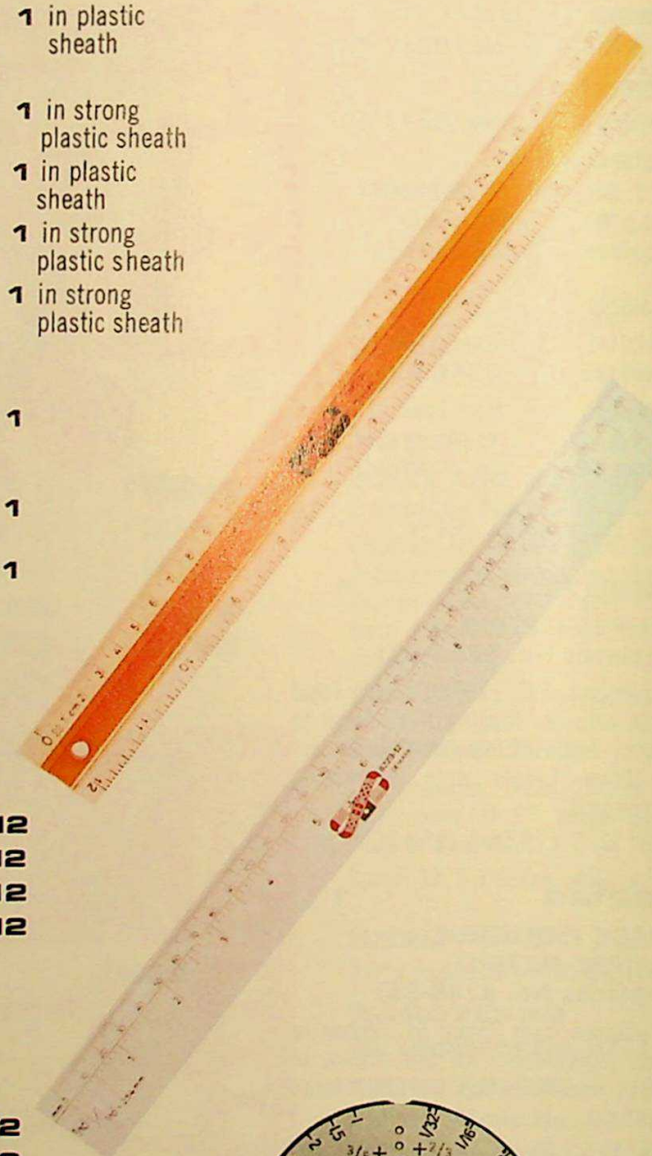
DRAWING AND OFFICE RULERS

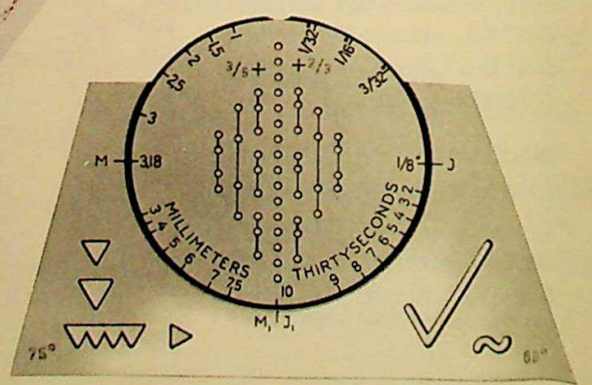
crystal-clear acrylic. Bevel and tracing edges, precision-divided in mm and inches.

8229-8	8″ and 200 mm	**12**
8229-12	12″ and 300 mm	**12**
8229-16	16″ and 400 mm	**12**
8229-20	20″ and 500 mm	**12**

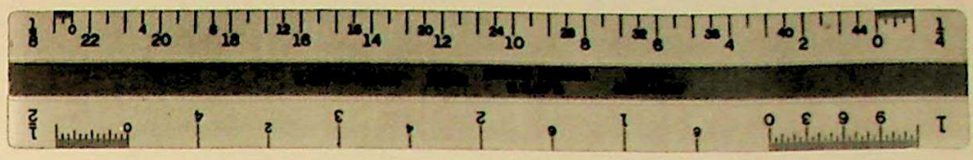
KOH-I-NOOR PARALLELOGRAPH

8285 A practical device for lettering and hatching (inch and metric). Height of small characters 3/5 and 2/3 of capitals. Inclinations 68° and 75°. Detailed instructions for use with every instrument. Material: transparent, flexible acrylic. **1**



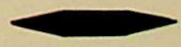
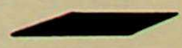


KOH-I-NOOR® SCALES



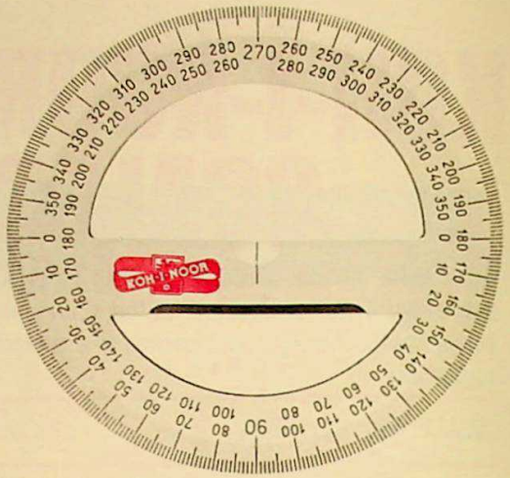
3290

Koh-I-Noor Triangular Scales are made from choice seasoned woods of genuine boxwood and pearwood. Excellent quality assures permanent lineal accuracy. The flat scales are exceptionally well made and designed with clearly engraved graduations. The pocket scales are light weight and packed in a protective vinyl sleeve for both pocket and desk use. Made of high quality plastic to withstand rugged use.

SCALE NO.	SYMBOL	GRADUATIONS	LENGTH	MATERIAL	SHAPE
No. 3260	1	Open divided 3/32, 3/16, 1/8, 1/4, 3/8, 3/4, 1½, 3, inches to a foot and 1/16 inch.	12″	Pearwood	
No. 3262	2	Fully divided 10, 20, 30, 40, 50 and 60 parts to an inch.	12″	Pearwood	
No. 3264	4	1/8, 1/4, 1/2, 1 inch to the foot—open divided. 50 parts to inch —full divided. 16 parts to the inch—full divided.	12″	Pearwood	
No. 3266	1	Open divided 3/32, 3/16, 1/8, 1/4, 3/8, 3/4, 1½, 3, inches to a foot and 1/16 inch.	12″	Boxwood	
No. 3268	2	Fully divided 10, 20, 30, 40, 50 and 60 parts to an inch.	12″	Boxwood	
No. 3270	4	Division same as No. 3264.	12″	Boxwood	
No. 3280	3	10 x 50 parts to inch 2 bevel.	6″	Boxwood White Edge	
No. 3282	3	10 x 50 parts to inch 2 bevel.	12″	Boxwood White Edge	
No. 3286	3	30CM. divided centimeters to millimeters. Full size inches reading to 1/16″. With handle clasp.	12″	White Plastic	
No. 3288	3	30CM. divided centimeters to millimeters. Full size inches reading to 1/16″. With handle clasp.	12″	Clear Plastic	
No. 3290 (Pocket)	3	Division 1/8, 1/4, 3/8, 1/2, 3/4, 1, 1½ and 3 inches. 4 bevel.	6″	White Plastic	
No. 3292 (Pocket)	3	Division 10, 30, 40 and 50 parts to an inch. 4 bevel.	6″	White Plastic	
No. 3284	1	1/32-1/50″ opposite bevel.	12″	Boxwood White Edge	
No. 3294 (Pocket)	2	Division 32 and 50 to an inch. Opposite bevel.	6″	White Plastic	

SYMBOL:
1—For Architects & Mechanical Engineers
2—For Civil Engineers & Surveyors
3—For all Engineers particularly Mechanical Engineers
4—For all Engineers particularly Mechanical Engineers & Architects

KOH-I-NOOR® PROTRACTORS

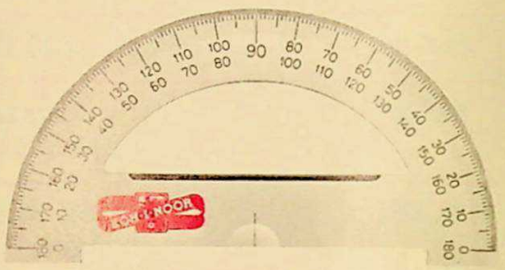


CIRCULAR PROTRACTORS

with bevel and open center
precision divided in 360°
material: glass-clear plastic

Item No.	Diameter	Division	Thickness	Unit Pack
8220-4	4″	1/1°	0.08″	12
8220-6	6″	1/2°	0.08″	
8220-8	8″	1/2°	0.10″	
8220-10	10″	1/2°	0.12″	

Packing: 12 to a box, each protractor in transparent envelope.

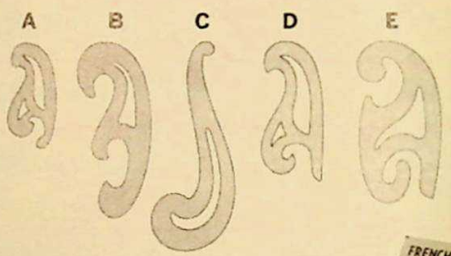


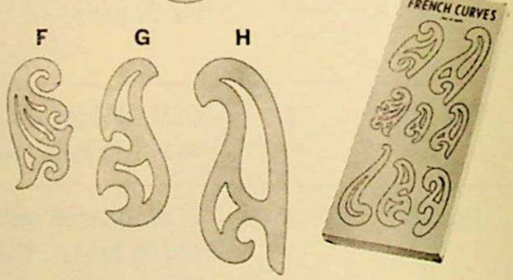
SEMI-CIRCULAR PROTRACTORS

with bevel and open center
precision divided in 180°
material: glass-clear plastic

Item No.	Diameter	Division	Thickness	Unit Pack
8222-4	4″	1/1°	0.08″ 2.0	12
8222-6	6″	1/2°	0.08″ 2.0	
8222-8	8″	1/2°	0.10″ 2.5	

Packing: 12 to a box, each protractor in transparent envelope.





FRENCH CURVES

with square edge
material: (0.08″) glass-clear plastic

		A	B	C	D	E	F	G	H	Unit Pack
8255	Inch	5″	8½″	10½″	7″	8½″	6½″	8½″	11″	12

8255 SET One complete set of 8 individual French curves, (8255A through 8255H) — Unit Pack: 1

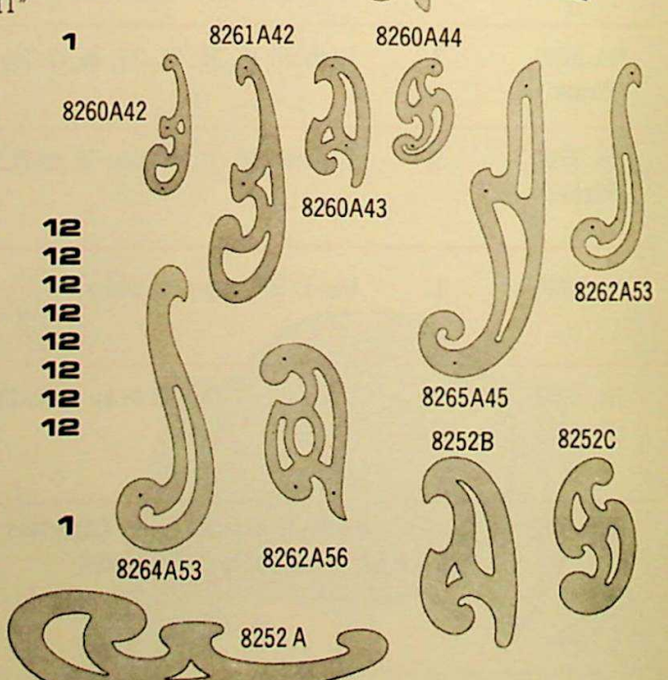
with square edge
material: (0.08″) crystal-clear acrylic (not available as set)

	Inch	Unit Pack
8260A42	7″	12
8260A43	6½″	12
8260A44	5″	12
8261A42	12″	12
8262A53	10½″	12
8262A56	9½″	12
8264A53	14″	12
8265A45	16½″	12

Packing: 12 to a box, each curve in transparent envelope.

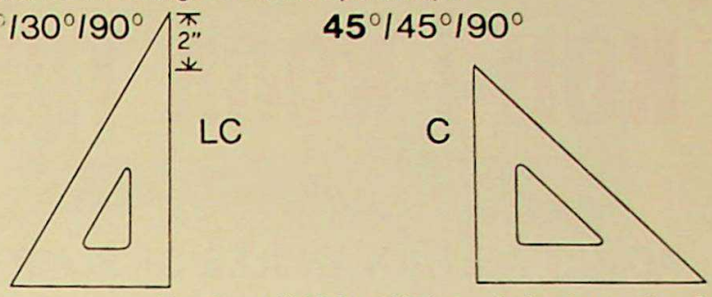
8252 SET Burmester Set—containing 3 plastic curves (0.08″) — Unit Pack: 1

Nos. 8252A— 12″
Nos. 8252B— 6½″
Nos. 8252C— 5″



KOH-I-NOOR® TRIANGLES

A 60° triangle is measured on the longest cathetus, LC, and a 45° is measured on the length of the two equal sides, C.

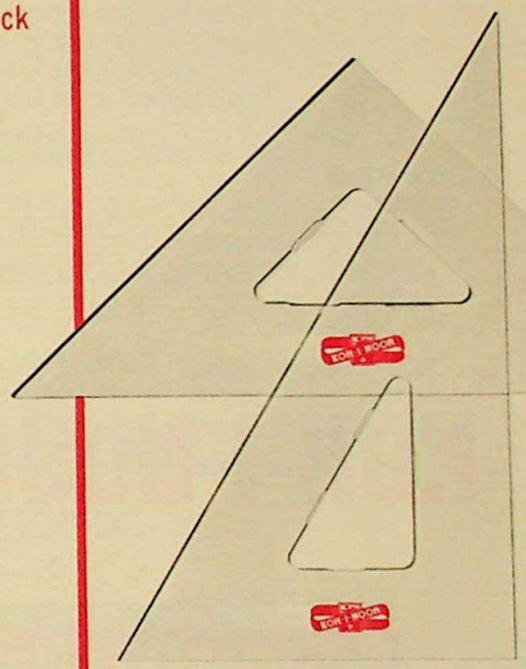


Two triangles are considered a set if LC for a 60° is two inches longer than C for a 45°.

ACRYLIC TRIANGLES crystal-clear; square edge

Item No.	LC	Thickness	Item No.	C	Thickness	Unit Pack
8205-4	4″	.08″	8206-4	4″	.08″	12
8205-6	6″	.08″	8206-6	6″	.08″	
8205-8	8″	.08″	8206-8	8″	.08″	
8205-10	10″	.08″	8206-10	10″	.08″	
8205-12	12″	.08″	8206-12	12″	.08″	
8205-14	14″	.08″	8206-14	14″	.10″	
8205-16	16″	.10″	8206-16	16″	.10″	
8205-18	18″	.10″	8206-18	18″	.10″	
8205-20	20″	.10″				

Packing: 12 to a box, each triangle in transparent envelope.



PLASTIC TRIANGLES glass clear; square edge

Item No.	LC	Thickness	Item No.	C	Thickness	Unit Pack
8200-6	6″	.08″	8201-6	6″	.08″	12
8200-8	8″	.08″	8201-8	8″	.08″	
8200-10	10″	.08″	8201-10	10″	.08″	
8200-12	12″	.08″				

Packing: 12 to a box, each triangle in transparent envelope.

FLUORESCENT ACRYLIC TRIANGLES square edge

Item No.	LC	Thickness	Item No.	C	Thickness	Unit Pack
8205F-4	4″	.08″	8206F-4	4″	.08″	
8205F-6	6″	.08″	8206F-6	6″	.08″	
8205F-8	8″	.08″	8206F-8	8″	.08″	12
8205F-10	10″	.08″	8206F-10	10″	.08″	
8205F-12	12″	.08″	8206F-12	12″	.08″	
8205F-14	14″	.10″	8206F-14	14″	.10″	
8205F-16	16″	.10″	8206F-16	16″	.10″	
8205F-18	18″	.10″	8206F-18	18″	.10″	

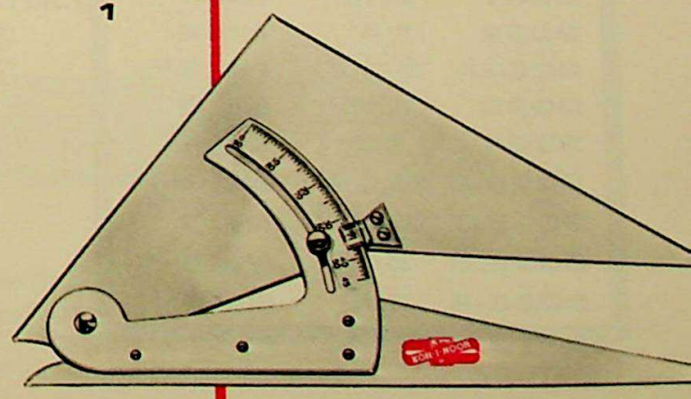
Packing: 12 to a box, each triangle in transparent envelope.

ADJUSTABLE TRIANGLES OF ACRYLIC

with square edge, crystal-clear
all metal parts of chromium-plated brass
the graduated arch of white material is precision divided in half degrees, the reading of which is facilitated by a magnifier, springs built in the bearings secure a pleasant motion

Item No.	C	Thickness	Unit Pack
8216-8	8″	0.10″	1
8216-10	10″	0.10″	
8216-12	12″	0.10″	

Packing: 1 to a box, with instructions for use.

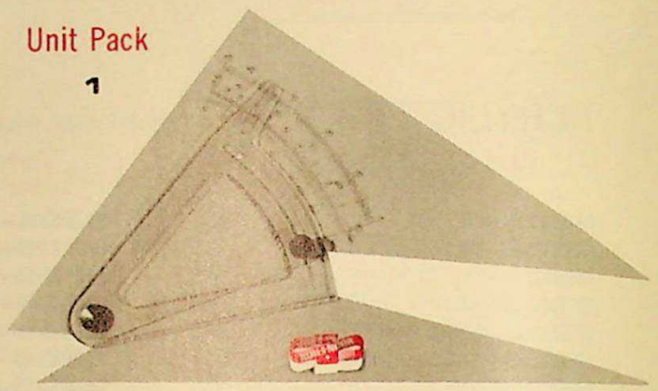


KOH-I-NOOR® TRIANGLES

ADJUSTABLE TRIANGLES OF PLASTIC

Item No.	Description	C	Thickness	Unit Pack
	with square edge, glass clear, all metal parts of chromium-plated brass the graduated arch, manufactured in one part with the arm, is precision divided in half degrees springs built in the bearings secure a pleasant motion			1
8210-6		6″	0.10″	
8211-8		8″	0.10″	
8212-10		10″	0.10″	

Packing: 1 to a box, with instructions for use.



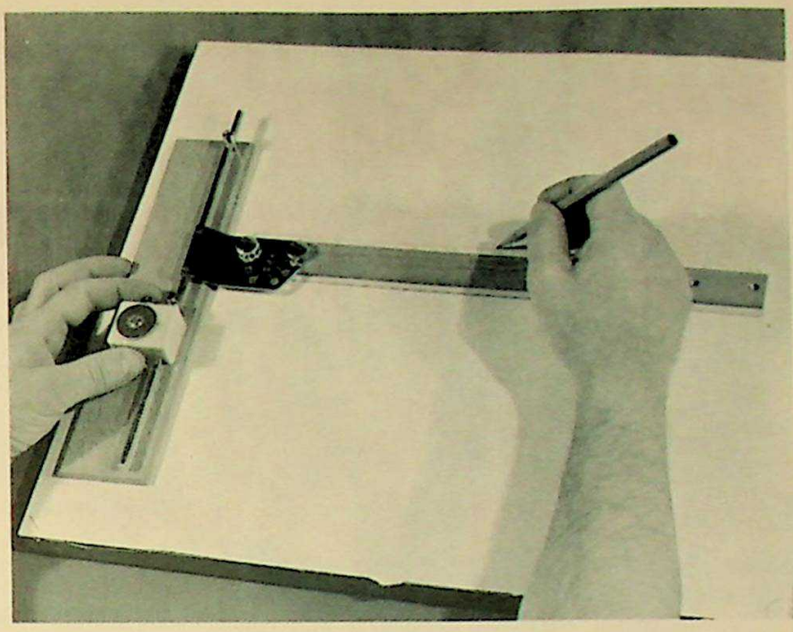
KOH-I-NOOR® LETTERING GUIDES

Rapidoguide Number	Height Of Letter	For Use With Rapidograph Technical Pens
3030A	5/64″	No. 00
3030B	1/8″	No. 00
3030	5/32″	No. 0
3031	3/16″	No. 1
3032	1/4″	No. 2
3032A	9/32″	No. 2½
3033	5/16″	No. 3
3034	3/8″	No. 4
3035-6	15/32″	No. 6
3035-7	9/16″	No. 7
3035-8	5/8″	No. 8
3035-9	3/4″	No. 9

Item No.	Description	Unit Pack
3030/ 3035	Koh-I-Noor Rapidoguides are made with elevated metal rails to prevent smearing of ink while lettering with Rapidograph Technical Pens. Transparent, precision lettering guides permit full visiblity. Their orange color stands out against the drafting surface while still preventing shadows. Each easy-to-use guide has upper and lower case letters, numerals and assorted symbols and is individually packaged in a clear plastic box.	1

KOH-I-NOOR®
KOH-LINER

A PRECISION INSTRUMENT FOR DRAWING PARALLEL EQUIDISTANT & EXACT HATCHING LINES



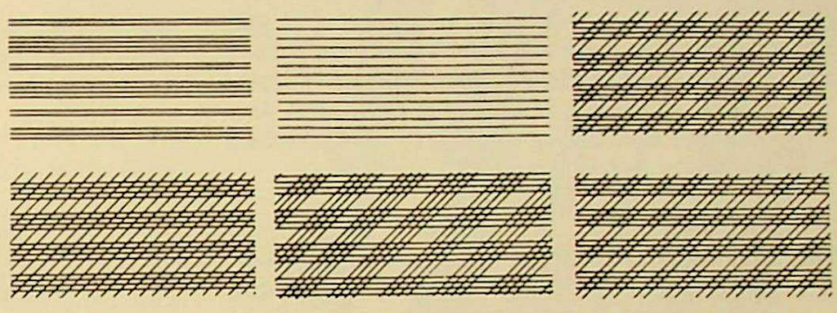
The "Koh-Liner" Hatching Apparatus is an accurate instrument for drawing parallel, equidistant and exact hatching lines with great speed.

The spacings between the lines are obtained automatically by setting the indicator to any of the eleven desired distances marked on the small round indicator disk. Any number of in-between settings can be chosen by close approximation.

To obtain the desired cross angle at which the parallel lines are to run, use one of several possible settings: 0° Horizontal, 15°, 30° and 45° above or below the horizontal line, by adjusting the two screws on the sleeve plate.

After drawing the first line the ruler is advanced to the next and successive lines by depressing the push-button on gear box.

While the mechanical features of this instrument have been constructed with highest possible precision, the skill of the operator in applying each time the same pressure in the center of the button will assure maximum accuracy in the resulting line spacings. Packed individually.



KOH-LINER DISTANCE SETTINGS

1/32″	Agate 1/14″	7/64″	
3/64″	Pica 2 1/12″	1/8″	Additional spacing
1/16″	Pica 1/6″	9/64″	obtainable by
3/32″		5/32″	in-between settings.

Item No.	Description	Unit Pack
3100	Koh-I-Noor Koh-Liner 12½″ length ruler	**1**
3101	Koh-I-Noor Koh-Liner 19″ length ruler	**1**
3100M	Koh-I-Noor Koh-Liner 8½″ length ruler (For parallel lines only—single knob adjustment)	**1**

KOH-I-NOOR®

ACRYLIC EDGED T SQUARES

ITEM NO.	SIZE
8276-18	18″
8276-24	24″
8276-30	30″
8276-36	36″
8276-42	42″
8276-48	48″

Acrylic edges are bonded to hardwood blade and are elevated for inking. Available in six different sizes. Packed individually in vinyl sleeve.

KOH-I-NOOR®
DRAFTING HOLDERS

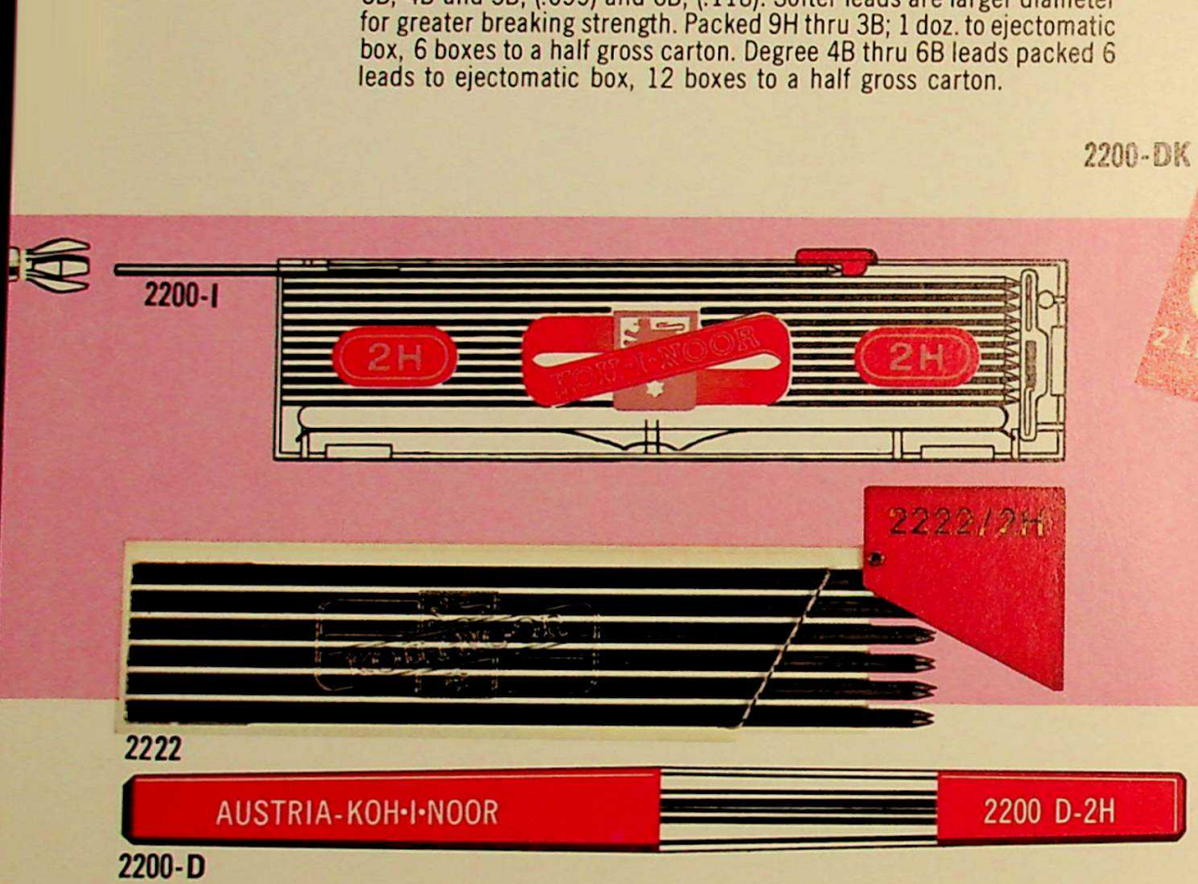
Item No.	Description	Unit Pack
5611	Koh-I-Noor "Technigraph" Lead Holder is all metal, lightweight, perfectly balanced and takes complete range of leads. Attractive red barrel with contrasting grey anodized knurled finger grip and lustrous nose piece and Kolor-Koded push buttons for quick degree identification. Patented "Adapto-Clutch" is non-slip, non-turn and replaceable. Also available with Pocket Clip (**5611-C**). Packed 24 holders to display box.	**24**
5612	Koh-I-Noor Lead Holder with wide opening, slip-proof, turn-proof, four prong clutch. Lightweight, well balanced, comfortable finger grip. Made of durable, lustrous plastic. One dozen with assorted Kolor-Koded push buttons (2 each: red, blue, black, green, brown and white) to a polyethylene pouch.	**12**
5613	Koh-I-Noor "Streamline" Lead Holder made of durable lustrous plastic, a newly designed, lightweight, low priced quality model with a non-slip, non-turn, replaceable clutch and metal finger grip. Packed 12 per plastic bag, 12 bags per 1 gross. box.	**12**
5616	Koh-I-Noor "Super Adapto-Clutch" Lead Holder with patented slip proof, turn proof, all metal, replaceable clutch for accepting widest range of lead degrees and diameters. No. **5616-C** also available with identifying Kolor-Koded bands. Individually packaged, 12 boxes to a point-of-sale easel display.	**12**
5617	Koh-I-Noor "Selectomatic" with "Super Adapto-Clutch" and degree indicator. Allows user to indicate, for his own reference, the particular degree of lead in the holder. Takes all 17 degrees of lead, same as No. 5616. Individually packaged, 12 boxes to a point-of-sale easel display.	**12**
5618	Koh-I-Noor Automatic Feed Lead Holder projects pre-determined (about 0.015") lengths of .074" or .079" leads (9H thru B), through the operation of its push button. This can be repeated until the desired lead length is obtained. Individually and attractively packaged.	**12**

KOH-I-NOOR® HOLDERS AND LEADS

Item No.	Description	Unit Pack
5619	Koh-I-Noor "Very-Fine" Mechanical Pencil designed for 0.5 mm drawing leads (Nos. 5620, 5621 & 5622). Continuous push-button feed with built-in cleaning pin, ample lead storage and pocket clip makes this a welcome addition to our line of lead holders. Use of permanently extra fine 0.5 mm lead eliminates all sharpening. Packed individually in attractive plastic box with 12 extra refill leads.	1
5620	Koh-I-Noor 0.5 mm Refill Leads; HB, H, 2H, 3H & 4H. For use with Nos. 5619 and 5623 Mechanical Pencils packed 12 leads of a degree to a tube, 12 tubes per gross box.	12
5621	Koh-I-Noor 0.5 mm Super Strength Refill Leads. For use with the same pencils as 5620 leads. Same degrees and packaging as 5620.	12
5622	Koh-I-Noor 0.5 mm Extra Strength Refill Leads; HB, H & 2H. For use with same pencils as 5620 leads. Same packaging as 5620.	12
5623	Koh-I-Noor Deluxe Very-Fine Mechanical Pencil for 0.5 mm drawing leads with retracting protective metal sleeve to prevent lead breakage. Continuous push-button feed with built-in cleaning pin, ample lead storage and pocket clip.	1
5624	Koh-I-Noor Deluxe Ultra-Fine Mechanical Pencil for 0.3 mm leads. Same design as No. 5623.	1
5625	Koh-I-Noor Super Strength 0.3 mm lead for use with Mechanical Pencil No. 5624; HB and H degrees. Same packaging as 5620 leads.	12
5623ER **5624ER**	Replacement Erasers for use in Nos. 5623 and 5624 Mechanical Pencils.	12
5611PK	Professional Drafting Kit; contains 1 No. 5611 Lead Holder, 3 drawing leads and 1 lead pointer in a plastic pocket pouch, pre-punched for pegboard display. Packed 48 kits per display carton.	48
5613PK	Professional Drafting Kit. Same contents and packaging as above, but with No. 5613 Holder in place of 5611.	48
5611A, 5613A, 5616A, 5617A	Replacement Clutches for Koh-I-Noor Lead Holders. Easily replaced by unscrewing old clutch and inserting new clutch. Packed 12 per box.	12
5611BK	Drafting Assortment on blister card (5" x 7") with 1 No. 5611 Holder, 3 drawing leads and 1 lead pointer. Designed for peg board display. Packed 36 cards to a display carton.	36
5613BK	Drafting Assortment. Same contents and packaging as above, but with No. 5613 Holder in place of 5611.	36
375PCK	Student Compass Kit; contains 1 No. 5612 Lead Holder, 1 tube No. 2200-D—2H Duette Drawing Leads and a durable metal student type Compass, permits drawing of circles up to 10¼" in diameter.	6

KOH-I-NOOR® DRAWING LEADS

Item No.	Description	Unit Pack
2200-I GRAPHITE	Koh-I-Noor Ejectomatic Drawing Leads offer the strongest, blackest, most accurate and uniformly graded drawing leads since 1895. Available in 17 precision degrees. Diameter of leads 9H thru 2B; (.0787), 3B, 4B and 5B; (.099) and 6B; (.118). Softer leads are larger diameter for greater breaking strength. Packed 9H thru 3B; 1 doz. to ejectomatic box, 6 boxes to a half gross carton. Degree 4B thru 6B leads packed 6 leads to ejectomatic box, 12 boxes to a half gross carton.	6 & 12



Item No.	Description	Unit Pack
2200-I COLORED	Koh-I-Noor Ejectomatic Flexicolor Leads with plastic binder makes these leads flexible while retaining excellent marking qualities. Leads are sharpened and imprinted. Ten colors: red, dark red, blue, light blue, green, light green, orange, yellow, white and silver. (Diameter .074/.076) 1 doz. leads to Ejectomatic Box, 6 boxes to half gross carton.	12
2200 GRAPHITE	Koh-I-Noor Drawing Leads are same quality as 1500 Drawing Pencils. Each lead pointed and imprinted with name & degree. Available in 17 degrees. Diameters of leads 9H thru B (.074/076), 2B (.095/.097), 3B (.103), 4B, 5B, 6B (.118/.120). Packed 6 leads to a box, half gross to a carton.	6
2200-D GRAPHITE	Koh-I-Noor Duette Drawing Leads are the same quality as 2200-I, sharpened and imprinted. Seventeen degrees plus red & blue. Packed 2 leads in a plastic box, 36 boxes to half gross carton.	2
2200-DK GRAPHITE	Koh-I-Noor Duette Leads are on blister card (3"x7"). Available in 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, red and blue.	2
2222 GRAPHITE	Koh-I-Noor Glidomatic Drawing Leads. Extra Black in 18 degrees and somewhat softer graded than the original Koh-I-Noor Standard. Packed in attractive, plastic box with handy hinged cover. Degrees 9H thru 2B; 12 leads per box. Degrees 3B, 4B, 5B, 6B and 7B; 6 leads per box.	6 & 12

KOH-I-NOOR® DRAWING PENCILS

KOLOR-KODE DESIGNATION

9H	Gray
8H	Light Green
7H	Pink
6H	Silver
5H	Orange
4H	Dark Green
3H	Black
2H	Light Red
H	Brown
F	Light Blue
HB	Yellow
B	Purple
2B	White
3B	Lime
4B	Light Violet
5B	Dark Red
6B	Dark Blue

Item No.	Description	Unit Pack
1500°	Koh-I-Noor precision perfect Drawing Pencils are professionally designed and manufactured in 17 accurately measured degrees. Quality controlled craftsmanship meets the demanding requirements of all architects, draftsmen, engineers and artists. Hexagon, yellow polished & degree stamped on three sides in the following 17 degrees: 6B, 5B, 4B, 3B, 2B, B, HB, F, H, 2H, 3H, 4H, 5H, 6H, 7H, 8H and 9H.	12
1500-T°	Koh-I-Noor Drawing Pencils with 1500 styling, but with red eraser attached. Available in 10 degrees; 6H thru 2B.	12
903°	Aviator Drawing Pencils contain smooth drawing leads of even density, capable of rugged endurance under hard use. Clean, non-smudging lines erase easily from tracing papers. Available in 10 degrees: 2B, B, HB, H, 2H, 3H, F, 4H, 5H and 6H. Packed 1 doz. pencils per box, half gross per carton.	12
1500-I°	Koh-I-Noor Drawing Pencils containing imported leads are hexagon, yellow polished and with rounded, dipped ends. This deluxe edition with gilt imprinted degree markings on three sides is divided into 17 controlled, accurately measured, evenly spaced degrees, each pencil having an individual Kolor-Koded panel for quick identification; 6B thru 9H. Wherever rigid requirements are demanded, they provide the finest quality, density, smoothness and uniformity. Cellophane wrapped and packed in an attractive dozen box, half gross per carton.	12
1500-IT°	Koh-I-Noor Deluxe Drawing Pencils with 1500-I styling, but with quality red eraser attached.	12

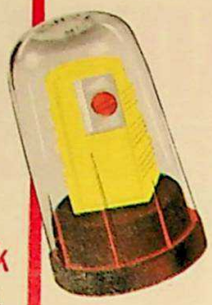
CHECK THESE SPECIFICATIONS

- √ 17 Degrees
- √ Uniform Accurate Grading
- √ Long Wearing
- √ Unsurpassed Breaking Strength
- √ Smooth Writing
- √ Clear, Sharp Lines
- √ Blackness
- √ Perfect Reproduction
- √ Long Seasoned Cedar
- √ Strong Wood-Lead Adherence
- √ Lustrous Finish
- √ Perfect Balance

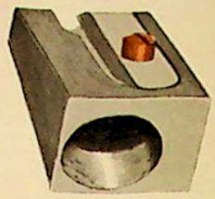
1500-I

PENCIL AND LEAD SHARPENERS

233



234



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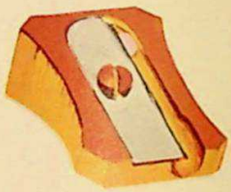
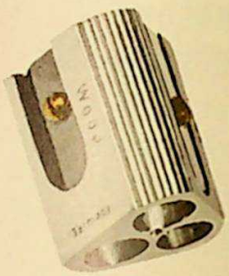


982N

981



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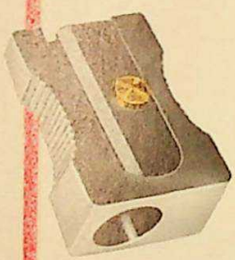
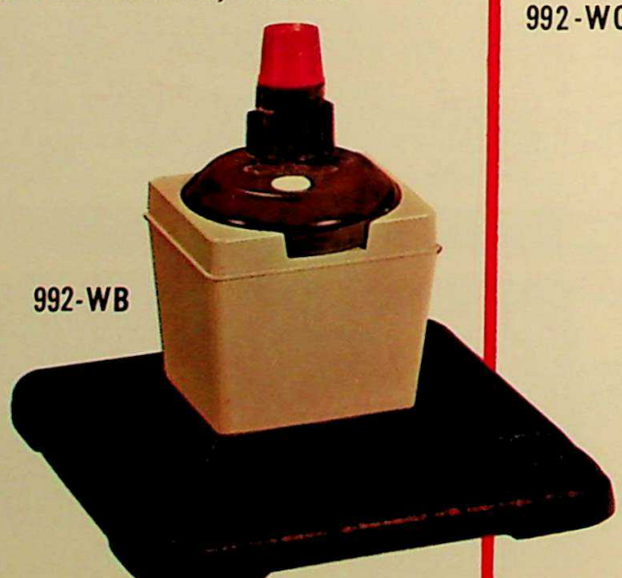


984

Item No.	Description	Unit Pack
233	Koh-I-Noor Lead Pointer, designed primarily for pointing lead contained in drafting lead holders. Packed 1 gross per box.	**144**
234	Koh-I-Noor Lead Pointer with a removable clear plastic cover for collecting graphite dust for utmost cleanliness and disposal. Designed for pointing lead in drafting holders. Base contains 2 spare blades. Packed 12 per box or on an easel display card.	**12**
980	Beginner's Pencil Sharpener. Sharpens most large diameter beginner's pencils. Cuts wood and points lead in one operation. Packed 12 per box.	**12**
981	Pencil Sharpener for most large diameter (⅜") and regular pencils. Packed 12 per box.	**12**
982N	Studio Pencil Sharpener. Cuts wood and points lead in one operation.	**12**
982B	Blades for No. 982N Sharpener. Packed 12 per envelope.	**12**
983	Triple duty 3 hole Pointer and Sharpener with ring for attaching to desk or board. One section cuts wood on large diameter pencils, another cuts wood on small diameter pencils, the third section points the lead. Packed 12 per display box.	**12**
983B	Blades for No. 983 Sharpener. Packed 12 sets per envelope.	**12**
984	School Pencil Sharpener. Cuts wood and points lead in one operation. Packed 12 per box.	**12**
984B	Blades for No. 984 and 981 Sharpeners. Packed 12 per envelope.	
992WC	Koh-I-Noor Lead Pointer—has a multiposition "cradle clamp" which assures instant, firm setting in any desired position. The permanent "Dura-Last" cutter produces needle-sharp, precision points with smooth, easy operation. Utmost in rugged quality at low cost.	**1**
992WB	Koh-I-Noor Lead Pointer—same as 992-WC but with heavy metal base in place of board clamp.	**1**

992-WC



992-WB

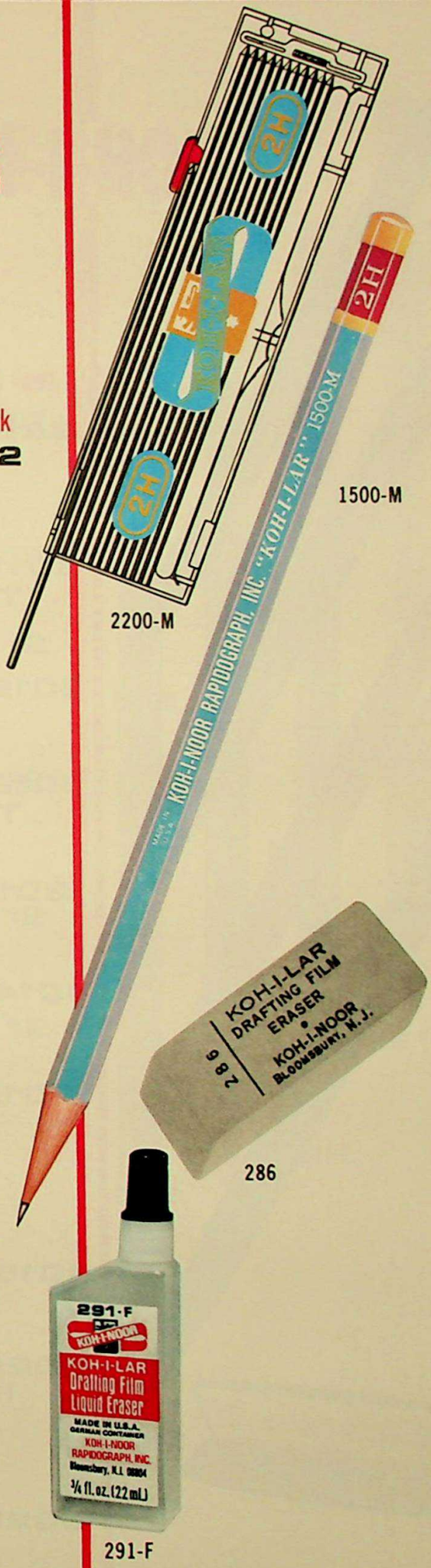
COMPONENT PARTS FOR 992 POINTERS

Item No.	Description	Unit Pack
992 B	Metal Base	1
992 C	Replacement Cutter	1
992 LC	Clamp	1
992 F	Filter	12
992 N	Nosepiece (available in 3 sizes)	1

KOH-I-LAR® PRODUCTS

FOR USE ON DRAFTING FILM

Item No.	Description	Unit Pack
2200-M PLASTIC	Koh-I-Lar Ejectomatic Leads, developed for use on drafting film and are available in 6 precision degrees. Leads offer smooth writing, dark, uniform lines and high breaking strength. Degrees 6H, 4H, 2H & HB packed 12 leads to ejectomatic box, 6 boxes per half gross carton. Degrees B & 3B, packed 6 leads to ejectomatic box, 12 boxes per half gross carton.	**6 & 12**
2200-MD PLASTIC	Koh-I-Lar Duette Leads are same leads as above. Packed 2 leads per plastic slide box. Available in 6 degrees: 6H, 4H, 2H, HB, B and 3B. Packed 36 boxes per half gross carton.	**36**
1500-M □	Koh-I-Lar Kolor-Koded Drawing Pencils, contain the same top quality lead as No. 2200-M. Available in 6 degrees: 6H, 4H, 2H, HB, B & 3B, Kolor-Koded for easy identification. Packed 12 pencils per box, 6 boxes per half gross carton.	**12**
286	Koh-I-Lar Eraser, formulated for erasing ink lines cleanly from drafting film without marring surface. Packed 12 per box.	**12**
288	Koh-I-Lar Drafting Film Eraser Strips (.266"x7"). Designed for electric erasing machines. Same formulation as No. 286.	**12**
289	Koh-I-Lar Drafting Film Eraser Strips (.215"x4¾"). Same formulation as No. 288 only smaller size. Packed 12 per box.	**12**
291-F	Koh-I-Lar Liquid Eraser (Non-Flammable) erases completely without marring surface. Designed for removing ink lines from polyester base drafting film. Available in ¾ fl. oz. (22 ml.) plastic squeeze bottle.	**12**
291	Same as above. Available in 1 pint (473 ml.), 1 quart (946 ml.) and 1 gallon (3.785 l.) plastic containers.	**1**
292-F	Super Strength Koh-I-Lar Liquid Eraser. For removing aged ink lines from drafting film or for erasing large areas at one time with relative ease. Available in ¾ fl. oz. (22 ml.) plastic squeeze bottle.	**12**
292	Same as above. Available in 8 fl. oz. (236 ml.) plastic container.	**1**
1023	Drafting Film Eraser Strip Sharpener, for pointing strip erasers. Packed 1 gross per box.	**144**



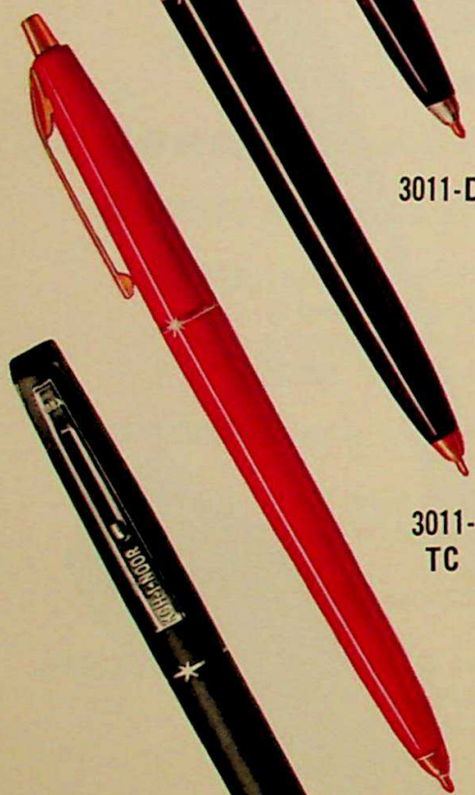
□ See last page of index for explanation.

KOH-I-NOOR® BALLPOINT PENS

(AS INEXPENSIVE AS DISPOSABLE BALLPENS, YET REFILLABLE)

3011-D

3011-TC



3012-D

3020 M

Item No.	Description	Unit Pack
3011-D	Koh-I-Noor "Retractable" (fine) Pen. A smooth retractable pocket ballpoint pen beautifully styled with colored plastic cap and barrel to indicate color of ink. Chrome plated push button, pocket clip and point. Available in blue/black, red and black. Packed 3 dozen to a display cup.	36
3011-TC	Koh-I-Noor Deluxe "Retractable" (fine) Pen with chrome plated cap, gold plated clip and point. Color of barrel indicates color of ink. Available in blue/black, red and black. Packed 1 dozen to an easel display box.	12
3012-D	Koh-I-Noor "Retractable" (medium) Pen—3011-D styling, but with gold plated parts. Available in blue/black, red, green and black. Packed 3 dozen to a display cup.	36
3012-TC	Koh-I-Noor Deluxe "Retractable" (medium) Pen with gold plated cap, clip and point. Color of barrel indicates color of ink. Available in blue/black, red, green and black. Packed 1 dozen to an easel display box.	12
3014	Koh-I-Noor Double-Ender (fine)—3015 styling. Excellent for all fine writing. Available with light red and blue/black refills. Packed 1 dozen to an easel dislpay.	12
3014-F	Koh-I-Noor Double-Ender Repro (fine)—3015 styling, but with reproducing blue and red ink for photocopy work. Packed 1 dozen to an easel display.	12
3015	Koh-I-Noor Double-Ender (medium). The original Koh-I-Noor refillable 2 in 1 ballpoint pen. One end writes blue, the other red. Attractively styled, easy-to-hold barrel is half red, half blue with long gleaming brass visi-point tips, gilt imprint. Ideal for desk use where both red and blue writing is required. Available with light red and blue/black refills. Packed 1 dozen to an easel display.	12
3015-F	Koh-I-Noor Double-Ender Repro (medium) with reproducing blue and red ink for photocopy work. Packed 1 dozen to an easel display.	12
3020 M	Koh-I-Noor "Self-retracting" (medium) Pen—unique mechanism retracts automatically when clipped into pocket. Top quality, smooth writing, tungsten carbide point. Available in blue/black ink only. Packed individually in attractive gift box. Also available **3020-F** (fine) with chrome plated parts.	1
5628	Koh-I-Noor Versicolor 4 Color Ballpoint Pen (medium). Attractive, precision, multicolor pen containing 4 ballpoint refills (black, blue, red & green). The perfect gift for a business executive or chief engineer. Individually packed.	1

AND BALLPOINT REFILLS

Item No.	Description	Unit Pack
3018-E	Koh-I-Noor Ballpen (medium). Beautifully styled with stream-lined brass tip. Finished in color to indicate color of ink. Gold foil imprint. Equipped with brass ferrule and red rubber eraser. Available in blue/black, red, green, black, l. red and l. blue. Packed 1 dozen to an easel display.	12
3017-E	Koh-I-Noor Ballpen (fine)—3018-E styling with fine refill. Available in blue/black, red, green, black, l. red and l. blue. Packed 1 dozen to an easel display.	12
3019-TC	Koh-I-Noor Steno-Auditor (fine). Excellent for Stenographers, Auditors, Bookkeepers, Instructors, Engineers and Executives—a must for those who do fine writing. Finished in white with gleaming brass trim. Available in blue/black, l. red and black. Packed 1 dozen to an easel display.	12
3022 M	Koh-I-Noor Technoball (medium). Excellent for general marking on paper and all film based surfaces where the outstanding precision features of the Koh-I-Noor Technical Pen are not required. Available in black only. Packed 1 dozen to an easel display. Also available 3022-B (broad) and 3022-F (fine) point.	12
3024	Koh-I-Noor Special Repro (fine). A refillable reproducing ballpoint pen with long visi-point. Designed for writing or checking which must be photocopied or reproduced. Attractively styled with glossy black finish, gilt imprint. Available in black only. Packed 1 dozen to an easel display.	12
3025	Koh-I-Noor Special Repro (medium)—3024 styling. Available in blue/black, red, green and black. Packed 1 dozen to an easel display.	12

3015 3022 3018-E 3019-TC

KOH-I-NOOR BALLPOINT REFILLS

NOTE: All refills are tungsten carbide and contain reproducing inks except L. Red and L. Blue which contain regular inks.

REFILL NO.	FOR PEN NO.	POINT SIZE	COLORS AVAILABLE
3011-GR	3020-F	Fine	Blue/Black
3012-GR	3020-M	Medium	Blue/Black
3011-R	3011-D, 3011-TC	Fine	Blue/Black, Red, Black
3012-R	3012-D, 3012-TC	Medium	Blue/Black, Red, Green, Black
3014-R	3014	Fine	Blue/Black, L. Red
3014-FR	3014 (REPRO)	Fine	Blue/Black, Red
3015-R	3015	Medium	Blue/Black, L. Red
3015-FR	3015 (REPRO)	Medium	Blue/Black, Red
3017-R	3017-E, 3019-TC, 3022 (Fine)	Fine	Blue/Black, Red, Green
	3024 (REPRO)		Black, L. Red, L. Blue
3018-R	3018-E, 3022 (Medium)	Medium	Blue/Black, Red, Green
	3025 (REPRO)		Black, L. Red, L. Blue
3022-BR	3020-M (Broad)	Broad	Black Repro
5628-R	5628	Medium	Blue, Red, Green, Black

Koh-I-Noor Ballpoint Refills are packed individually in an envelope, 72 envelopes to a 6 dozen box.

Deluxe dozen packing, sets up as a colorful, attractive point-of-sale easel display box. Permits full visibility of pens.

Dozen packing in an attractive point-of-sale easel display, when not set up serves as a handy industrial slide box dispenser of 1 dozen Koh-I-Noor Ballpoint Pens.

KOH-I-NOOR® OFFICE PENCILS

555-D 555-0 666 469 657 656 1132

Item No.	Description	Unit Pack
555-D△	Koh-I-Noor Deluxe Writing Pencils have the finest lead in 6 precision degrees. Super resin bonded with brass ferrule and quality red eraser. Hexagon, yellow polish, degree identified by dipped Kolor-Kode. Degrees: 1 brown, 2 red, 2A black, 3 green, 4 orange and 5 grey. Packed 12 of a degree per box, half gross per carton.	12
555-0△	Same as 555-D except with large stamped Kolor-Koded degree. Packed 12 per box, half gross per carton.	12
666△	Koh-I-Thin Writing Pencils for accounting and general office use. Fine quality, thin bonded lead, hexagon, black polish, silver stamping, with brass ferrule and red erasers. In three degrees: 2, 2A and 3. Packed 12 of a degree per box, half gross per carton.	12
469□	Outline Stenographic Pencils. Round, small diameter, plain varnish, gilt stamped, sharpened both ends. Two degrees: medium & soft. Packed 6 of a degree per box, half gross per carton.	6
657△	Non-Reproducing Pencil (reddish-brown lead). For all notations on offset masters not to appear on reproduction. Hexagon, yellow polish, gold imprint. Packed 12 per box, half gross per carton.	12
656□	Offset Pencil. For work on paper masters for offset reproduction. Hexagon, yellow polish, black imprint. Packed 12 per box, half gross per carton.	12
1130△	Koh-I-Noor Writing Pencil. Available in 1 medium degree only. Hexagon, yellow polish, black stamped, brass ferrule with red eraser. Packed 12 per band, half gross per carton.	12
1132△	Koh-I-Noor Quality Writing Pencil. Hexagon, yellow polish, brass ferrule with red eraser, black stamped. Available in 5 degrees: 1 (softest), 2, 2A, 3, and 4. Packed 12 of degree per band, half gross per carton.	12
19□	Golf Pencil with black graphite lead, 3½" long, sharpened and available in solid or assorted color finish. Packed 1 gross per carton.	144

△ □ See last page of index for explanation.

SPECIALTY PENCILS AND LEADS

Item No.	Description	Unit Pack
6 △	Account Book Pencil in natural red cedar finish. Ideal for bookkeeping and general accounting. Black stamped, medium hard degree only. Packed 12 per box, ½ gross per carton.	12
73B □	Mephisto Indelible Pencils with purple lead are widely known for their quality and durability. Round, gilt stamped and available in 4 degrees: soft, medium, hard and extra hard. Packed 12 of a degree per box, ½ gross per carton.	12
173B □	Mephisto Soft Indelible Pencil has a highly potent dye designed for use on hectograph duplicators, producing as many as 120 copies. As in all Mephisto Copying Pencils, the lead is not affected by climatic conditions. Round, gilt stamped, rosewood finish and purple lead. Packed 12 per box, ½ gross per carton.	12
301 □	Project-O-Score Bowling Pencil offers highest quality yellow lead that is heat resistant, water soluble (wipes clean from acetate) and sharpens easily. Packed 12 per box, ½ gross per carton.	12
645	Test Scoring Refill Leads for use in mechanical pencils (.046" x 4"). For all test scoring purposes. Packed 72 leads per box.	72
655 △	Test Scoring Pencil is highly sensitive to electric current and made to the most exacting government specifications for ohm resistance. One medium-soft degree only. Hexagon, black finish, silver imprint, brass ferrule and red eraser. Packed 12 per box, ½ gross per carton.	12
658 □	Nonreproducing Pencil with purple lead is round with purple polish and gold imprint. Packed 12 per box, ½ gross per carton.	12
1555 □	Koh-In-All Marking Pencils for writing on glass, cellophane, plastic, film, metal, wood and paper. Hexagon, black finish, with gold ferrule. Available in black, blue, red, green, yellow and white. Packed 12 of a color per box, ½ gross per carton.	12
1555-G □	Koh-In-All Graphite Black Marking Pencil for marking and retouching photographic negatives. Packed 12 per box, ½ gross per carton.	12
5605	Koh-I-Noor Mark-All propel-repel Marking Pencil contains No. 5606 lead formulated to mark on most surfaces from smooth cellophane to wood and paper. Kolor-Koded barrel with clip. Available in black, red, blue, green, yellow and white. Packed 12 of a color in an easel box.	12
5606	Koh-I-Noor Mark-All Refill Leads (.120" x 2¾") for No. 5605 Marking Pencil. Available in black, red, blue, green, yellow and white. Packed 4 of a color to a slide box, 12 boxes per carton.	12

△ □ See last page of index for explanation.

MADE IN U.S.A. KOH-I-NOOR RAPIDOGRAPH, INC. ✻ ACCOUNT BOOK PENCIL ✻ 6
6
MADE IN U.S.A. KOH-I-NOOR RAPIDOGRAPH, INC. "Mephisto" COPYING ✻ 73B MEDIUM
73B
MADE IN U.S.A. KOH-I-NOOR RAPIDOGRAPH, INC. ✻ TEST SCORING ✻ NO.655
655
"KOH-I-NOOR" (KOH-IN-ALL) No.1555
1555
5605

WATER COLOR PENCILS

Mephisto Water Coloring Pencils are available in 25 intensely brilliant colors. Indispensable for school and professional use. Especially adaptable for water coloring techniques, two of which are recommended: draw on paper with pencils, then use a wet brush or stump for desired effects or work with the pencils on wet paper.

COLORS:
Mephisto No. 73

101 White
102 Primrose Yellow
103 Dark Yellow
104 Orange
105 Vermilion
106 Light Carmine
107 Crimson
108 Lilac
109 Violet
110 Ultra Marine
111 Turquoise Blue
112 Prussian Blue
113 Hookers Green
114 Veridian
115 Olive Green
116 May Green
117 Vermilion Deep
118 Crimson Lake
119 Violet Lake
120 English Red
121 Medium Brown
122 Sepia
123 Burnt Carmine
124 Black
125 Pearl Grey

Item No.	Description	Unit Pac
73°	Mephisto Water Color Pencils are round, gilt stamped with gold band. Color of pencil indicates color of lead. Packed 12 of a color per band, ¼ gross per box.	12
7306°	Mephisto Water Color Pencil assortment. Packed 8 colors in an attractive easel box.	8
7307°	Mephisto Water Color Pencil assortment. Packed 12 colors in an attractive easel box.	12
7308°	Mephisto Water Color Pencil assortment. Packed 24 colors in an attractive easel box.	24

□ See last page of index for explanation.

Color Chart Available on Request

KOH-I-NOOR® FLEXICOLOR PENCILS

Item No.	Description	Unit Pack
1800 ▫	Koh-I-Noor Flexicolor Pencils offer leads with a unique plastic binder, representing the greatest improvement in colored pencils in recent years. Leads hold a fine point which flexes instead of breaking and offer excellent color lay-down. Available in 36 vivid colors. Indispensable for artists, draftsmen, engineers, architects and general office work. Certain colors are recommended for blue print checking. Packed 12 per color per sleeve, 3 sleeves per ¼ gross box.	**12**
1812 ▫	Koh-I-Noor Flexicolor assortment . Packed 12 colors per set box.	**12**
1824 ▫	Koh-I-Noor Flexicolor assortment. Packed 24 colors per set box.	**24**
1836 ▫	Koh-I-Noor Flexicolor assortment. Packed 36 colors per set box.	**36**
1890 ▫	Koh-I-Rase Erasable Colored Pencils offer excellent marking with an easily erased lead. Semihex, with top quality eraser. Color of pencil designates color of lead. Available in 4 colors: red, blue, green and yellow. Packed 12 per color per box, ½ gross per carton.	**12**

1800

▫ See last page of index for explanation.

COLORS AVAILABLE:

1. White
2. Lemon Yellow
5. Yellow
6. Chrome Yellow
8. Orange
10. Sap Green II
11. Emerald Green
12. Apple Green
13. Sap Green I
14. Light Green
16. Green
18. Aqua Blue
21. Light Blue
23. True Blue
25. Blue
26. Indigo Blue
28. Lavender
29. Purple
30. Violet
31. Pink
32. Magenta
34. Crimson
35. Carmine
36. Scarlet
38. Vermilion
39. Red
40. Brick Red
41. Burnt Carmine
44. Light Brown
46. Sienna
51. Brown
58. Gray
60. Black
61. Silver
62. Gold
Red/Blue Combination

Color Chart
Available upon request

COLORED PENCILS

NO. 1600
POLYCOLOR

COLORS AVAILABLE:

1 Permanent White
2 Zinc Yellow
3 Cadmium Lemon
4 Chrome Yellow, pale
5 Cadmium, deep
6 Naples Yellow
7 Chrome Yellow, deep
8 Orange
9 Green Earth
10 Olive Green
11 Emerald Green
12 May Green
13 Sap Green I
14 Sap Green II
15 Sap Green III
16 Hooker's Green I
17 Hooker's Green II
18 Viridian
19 Vegetable Green
20 Prussian Green
21 Light Blue
22 Mountain Blue
23 Cobalt Blue
24 Ultra Marine
25 Paris Blue
26 Prussian Blue
27 Indigo
28 Delft Blue
29 Violet Lake, reddish
30 Violet Lake, bluish
31 Madder Lake, rose
32 Madder Lake, deep
33 Rose Lake
34 Crimson Lake
35 Carmine Extra
36 Scarlet Lake
37 Saturn Red
38 Pale Vermilion
39 Deep Vermilion
40 Light Ochre
41 Raw Sienna
42 Gold Ochre
43 Brown Ochre
45 Burnt Sienna
46 English Red
47 Pompeian Red
48 Indian Red
49 Burnt Carmine
50 Raw Umber
51 Vandyke Brown
52 Burnt Umber
53 Sepia
54 Warm Sepia
55 Cerulean Blue
56 Pearl Grey
57 Payne's Grey
58 Light Grey
59 Neutral Tint
60 Ivory Black
61 Flesh color, light
62 Flesh color, dark
63 Violet, light
64 Violet, dark
65 Prussian Blue, deep
66 Silver
67 Gold

COLOR CHART AVAILABLE ON REQUEST

1600

Item No.	Description	Unit Pack
1340/▫ 1348▫	Mephisto Colored Blue Print Checking Pencils, with smooth, vivid colored leads, are designed for use on blue prints, maps, charts and for general checking purposes. Hexagon, gilt stamped, color of pencil indicates color of lead. Available in 6 colors: 1340 brick red, 1342 yellow, 1343 orange, 1344 blue, 1345 brown and 1348 gold. Packed 12 of a color per band, ¼ gross per carton.	**12**
780▫	Office Colored Checking Pencils with large, soft textured lead for all checking, map and chart work. Round, gilt stamped, color of pencil indicates color of lead. Available in 3 colors and combination red & blue: 780 red, 781 blue, 782 red/blue and 783 green. Packed 12 of a color per band, ½ gross per carton.	**12**

AVIATOR NO. 930

COLORS AVAILABLE:

1. Permanent White	22. Mountain Blue	37. Saturn Red
3. Cadmium Lemon	24. Ultra Marine	38. Vermilion Pale
5. Cadmium Deep	26. Prussian Blue	42. Gold Ochre
8. Orange	29. Violet Lake (Reddish)	45. Burnt Sienna
14. Sap Green II	30. Violet Lake (Bluish)	51. Vandyke Brown
17. Hooker's Green II	31. Madder Lake Rose	56. Pearl Grey
18. Viridian	34. Crimson Lake	60. Ivory Black
21. Light Blue	35. Carmine Extra	63. Violet Light

930▫	Aviator Colored Pencils are smooth textured, suitable for sketching, photographic coloring, checking and map work. Round, gilt stamped, color of pencil indicates color of lead. Available in 24 colors. Packed 12 of a color per band, ¼ gross per carton.	**12**
936▫	Aviator Colored Pencil Assortment. Packed 12 colors per easel box.	**12**
938▫	Aviator Colored Pencil Assortment. Packed 24 colors per easel box.	**24**
4700	Koh-I-Soft "Rapid-Pastel" Pencils. Packed 12 per shade per box. Available in shade Nos. 1 White and 18 Ultra Marine only.	**12**
1600▫	Koh-I-Noor Polycolor Pencils are available in 66 brilliant, lightfast colors with wax crayon type lead, offering the user a versatile tool for many techniques. Ideal for quick "comps" or a finished rendering. Carbon tetrachloride can be used for blending colors. Strong, easily sharpened leads encased in finest quality cedar and manufactured with usual Koh-I-Noor care. Round, gilt stamped with color of pencil matching color of lead. Packed 12 per color per box.	**12**

SETS

1611▫	12 Assorted Colors	**1**
1613▫	24 Assorted Colors	**1**
1614▫	36 Assorted Colors	**1**
1615▫	48 Assorted Colors	**1**

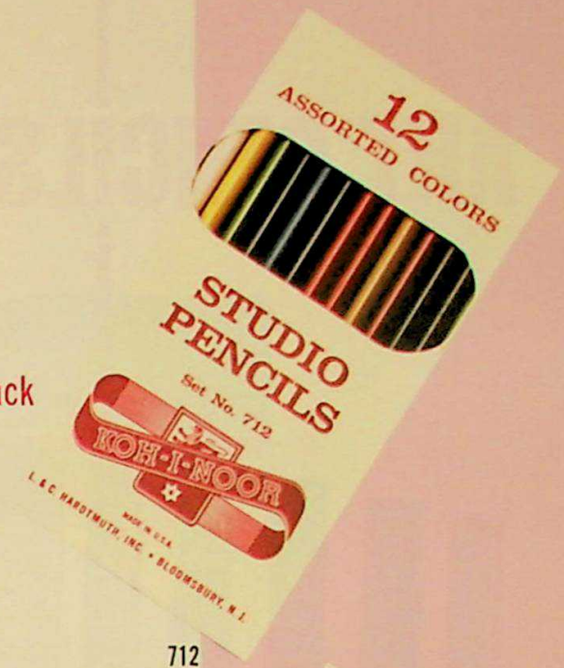
▫ See last page of index for explanation.

COLORED PENCILS

SCHOOL SETS

Item No.	Description	Unit Pack
712□	Studio Pastel Pencil assortment of full length, good quality, soft, thick pastel lead pencils. Packed 12 colors in a die-cut box.	12
812□	Teen-Age Colored Pencil assortment of sharpened full length, good quality, thin lead pencils in brilliant colors. Packed 12 colors in a die-cut box.	12
1912□	Water Color Pencil assortment of full length, round, sharpened pencils in vivid colors, easily soluble with water for various techniques. Packed 12 colors in a die-cut box.	12
906□	Sophomore Colored Pencil assortment of half length sharpened pencils. Packed 6 colors in a die-cut box, 24 sets per carton.	6
912□	Sophomore Colored Pencil assortment of half length sharpened pencils. Packed 12 colors in a die-cut box, 12 sets per carton.	12
1950□	Treasure Chest Colored Pencil assortment of half length sharpened pencils. Packed 6 colors in a die-cut box.	6
1951□	Treasure Chest Colored Pencil assortment of half length sharpened pencils. Packed 12 colors in a die-cut box.	12

□ See last page of index for explanation.



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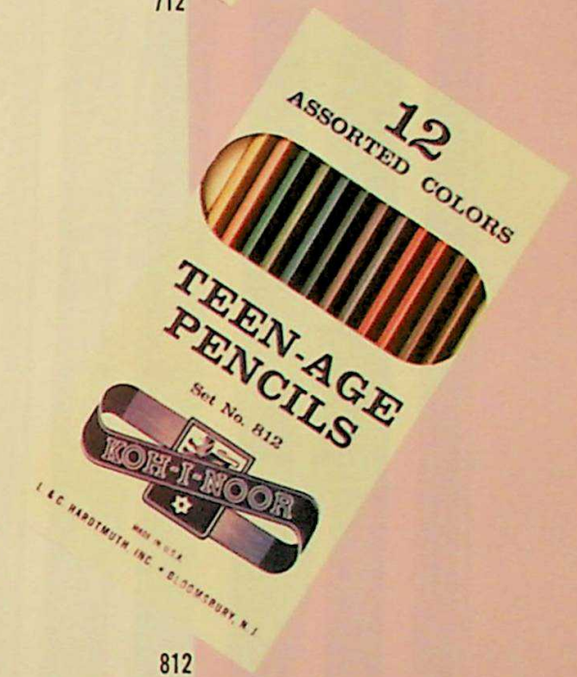

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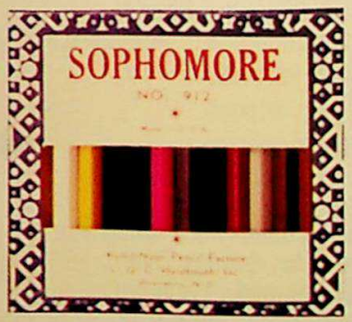

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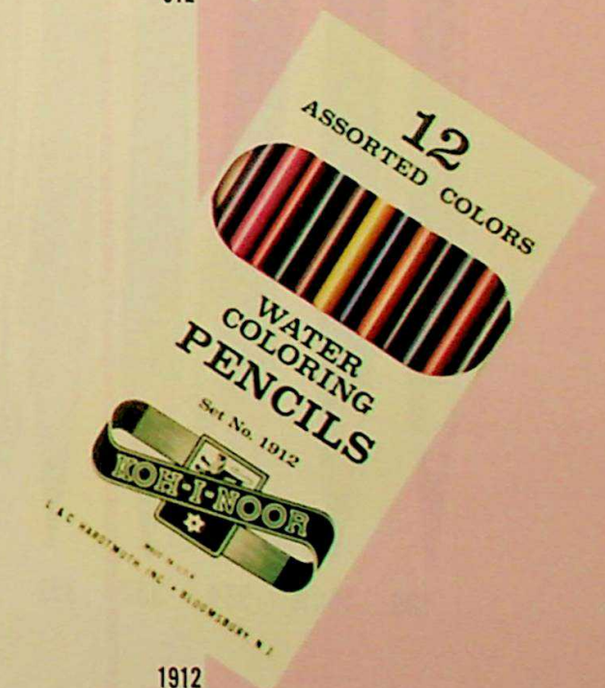


1912

ART PENCILS

KOH-I-NOOR RAPIDOGRAPH, INC. SANGUINE PENCIL ✻ №186
KOH-I-NOOR RAPIDOGRAPH, INC. CARBON PENCIL ✻ 190A ✻ №2
KOH-I-NOOR RAPIDOGRAPH, INC. "NEGRO" ✻ 350 ✻ №1
KOH-I-NOOR RAPIDOGRAPH, INC. ✻ "Pluvius" ✻ 352
KOH-I-NOOR RAPIDOGRAPH, INC. Sketching №353
KOH-I-NOOR RAPIDOGRAPH, INC. SKETCHING PENCIL ✻ 355 ✻ 2B
186
190A
350
352
353
355

Item No.	Description	Unit Pack
140 □	Timberline (Carpenter's) Pencil is a flat hexagon, green finished, gilt stamped pencil with a wide rectangular lead. Useful for rough visuals and sketching. Two degrees: soft and hard. Packed 12 of a degree per band, half gross per carton.	12
186 □	Sanguine Pencils are one of the mediums used by the old masters because of their color and texture. Excellent for life sketching and for use with 190A Carbon Pencil. Fixative should be used to protect drawings. Round, natural finish, black stamped. One soft degree only. Available in lead form; No. 2620A & stick form; No. 208. Packed 12 per box.	12
190A □	Carbon Pencils have a slight drag or tooth and produce a jet black line. Round, rosewood polish, gilt-stamped. Available in 3 degrees: 1 (softest), 2, & 3. Also available in lead form; No. 2601 and stick form; No. 194. Packed 12 of a degree per box.	12
350 □	Negro Pencils are recommended for illustration and newspaper work where a dense black line is necessary. Erases without smudging. Round, black polish, gilt stamped & smooth jet black lead in 3 degrees: 1 (softest), 2 & 3. Also in lead form; No. 2610. Packed 12 of a degree per box.	12
352 □	Pluvius Pencils, with waterproof carbon black formula leads, are suitable for layouts, sketching and type indication. Also for marking shrub labels exposed to the weather. Round, green finish, silver stamped, large diameter black lead. One degree only. Packed 12 per box.	12
353 △	Sketching Pencils are ideal for general sketching and layout work. Round, natural finish, gilt stamped, with large diameter black lead, one degree only. Packed 12 per box.	12
355 □	Flat Sketching Pencils are indispensable to the artist for layout, sketching & lettering. Architects use them for fast indication of brick, stone, wood and for covering large areas quickly. Oval, natural finish, gilt stamped. Available in 3 degrees: 2B, 4B, & 6B. Packed 12 of a degree per box.	12

△ □ See last page of index for explanation.

ART PENCILS

3551

3550

Item No.	Description	Unit Pack
3551□	Koh-I-Noor Charcoal Sketching Pencil Assortment. Easel contains 1 doz. 191/6B, 2¾ doz. 191/2B, 2 doz. 191/4B and 1 doz. 4700/1 pencils.	**81**
3550□	Koh-I-Noor Sketching Pencil Assortment. Easel contains ½ doz. 190A/1, 190A/2 & 190A/3 pencils, ½ doz. 355/2B, 355/4B & 355/6B pencils, 1 doz. 357 pencils, ½ doz. 352 pencils, ½ doz. 350/1, 350/2 & 350/3 pencils.	**72**
357□	Blackie Pencils are excellent for rough layouts and sketching. Large diameter black lead, round, black finish, white imprint & one degree only. Packed 12 per box, half gross per carton.	**12**
191□	Charcoal Pencils are 100% pure charcoal lead cased in wood. Contains no grease and produces a perfect mat black line, which can be stumped or blended for various effects. Available in 3 degrees: 2B, 4B, and 6B (softest). Packed 12 of a degree per box, half gross per carton.	**12**
4700-1□	White Pastel Pencil for highlighting charcoal drawings. Allows easy color deposit on sketching surface with feather-touch strokes. Packed 12 per box.	**12**
193	Koh-I-Noor Natural Charcoal Sticks are made of the finest quality wood for sketching. Average length is 6" x ⅛". Packed 50 sticks per box.	**50**

□ See last page of index for explanation.

357

191

MISCELLANEOUS STICKS & CHALKS

194 208 192 2205 136C

Item No.	Description	Unit Pack
095	Grey Layout Chalk Sets. One each of 4 warm and 4 cool shades per box.	8
194	Carbon Sticks (¼″ x 3″) make jet black strokes. Available in 3 degrees: 1 (softest), 2 & 3. Also made in pencil form No. 190A & lead form No. 2601. Packed 12 sticks per degree per box.	12
208	Sanguine Sticks (¼″ x 3″) are water soluble and ideal for all artists use. Available in 2 degrees: 2 & 3. Also made in pencil form No. 186 and lead form No. 2620. Packed 12 sticks per degree per box.	12
192	Compressed Charcoal Sticks retain all the advantages, but eliminate all the disadvantages, of natural charcoal. Produces a dense black tone even on smooth papers. Available in 5 degrees: 1 (softest), 2, 3, 4, & 5. Packed 12 sticks per degree per box.	12

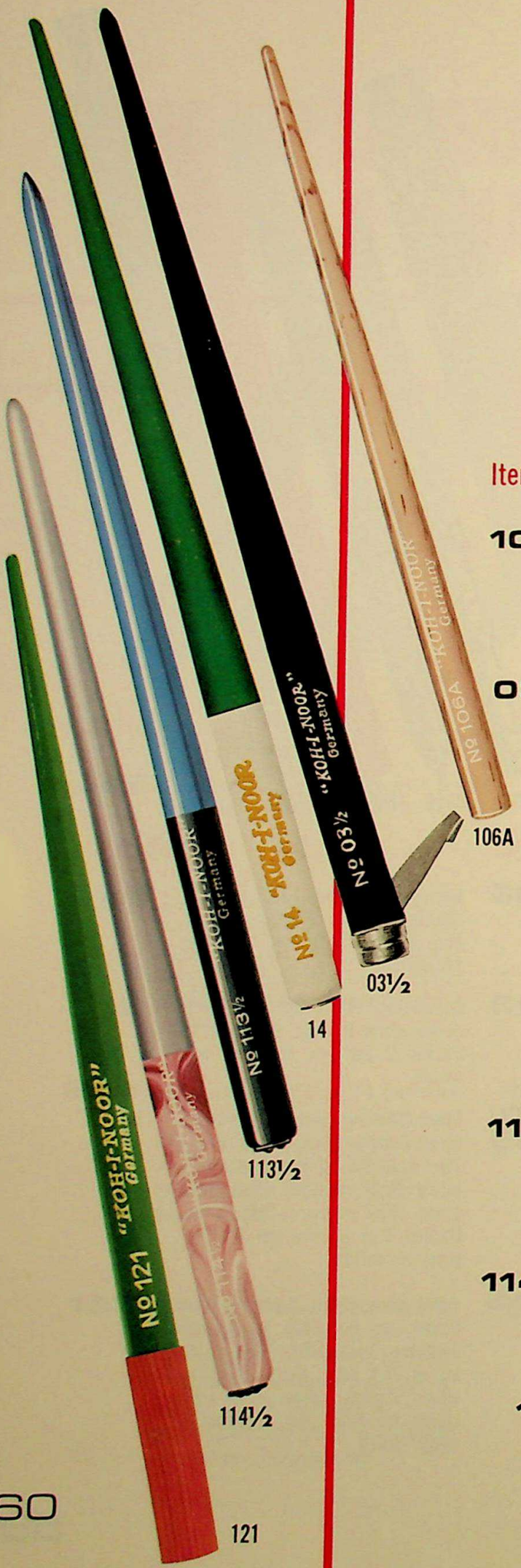
Item No.	Description	Unit Pack
2205	Graphite Sticks (¼″ x 3″) for layout work and sketching. Available in 3 degrees: 2B, 4B, & 6B. Packed 12 sticks per degree per box.	6
2206	Giant Graphite Sticks (9/16″ x ¼″ x 3″) for filling in large areas where an even tone is desired. Available in 3 degrees: 2B, 4B, & 6B. Packed 6 sticks per degree per box.	6
136C	Lumber Crayons Graphite, medium soft, pointed, lacquer dipped, and useful for marking wet surfaces, lumber, stone, metals and various rough materials. Packed 12 per box.	12
137	Lumber Crayons, colored are hard, pointed and ideal for industrial use on most rough materials. Colors: white, blue, yellow and green. Packed 12 per color per box.	12

LARGE HOLDERS AND LEADS

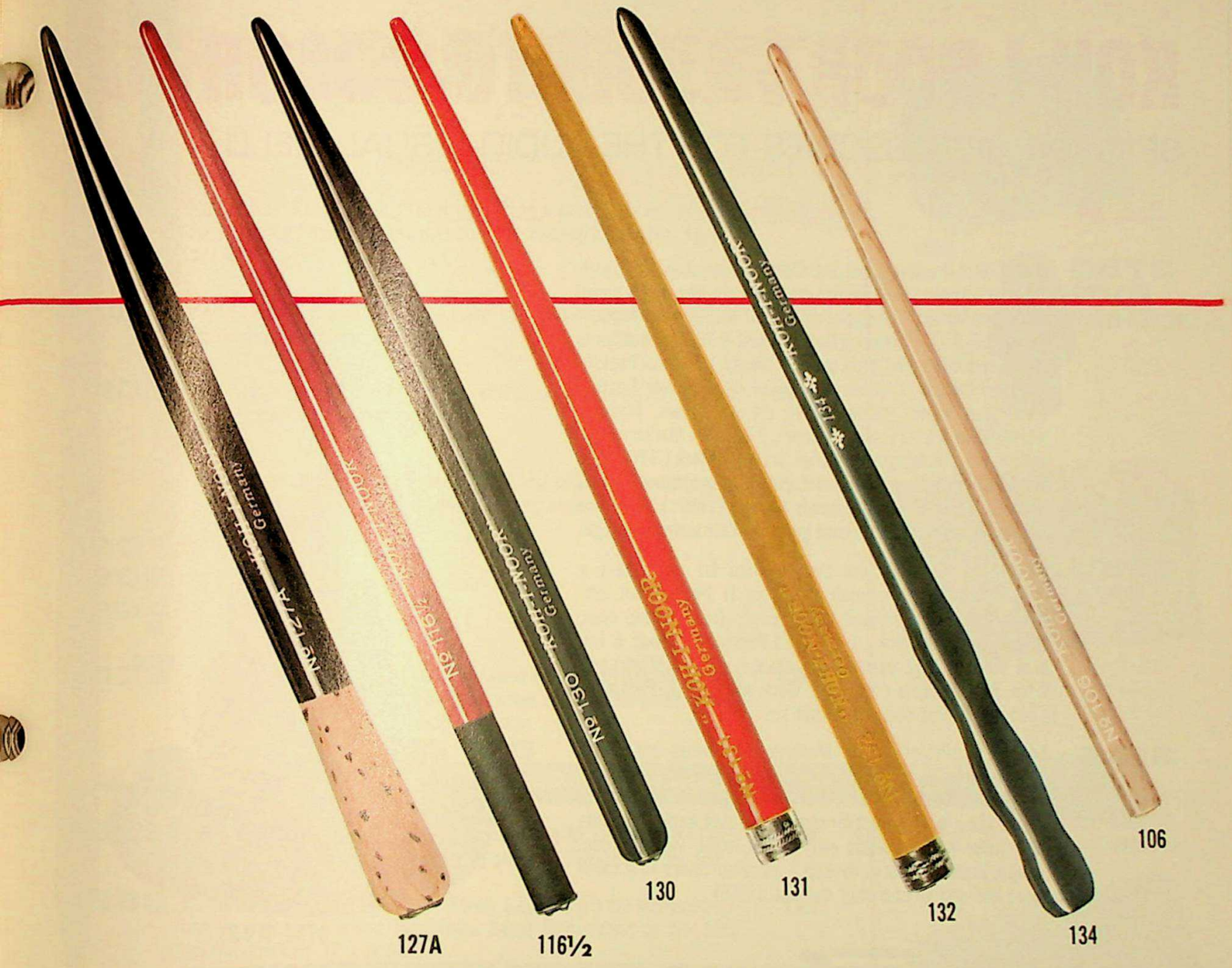
Item No.	Description	Unit Pack
48	Universal large diameter Lead Holder is durable, handy, and very practical. Push button release with firm holding clutch makes it the ideal and economic holder for all .220" x 4¾" leads. Red, hexagon barrel, with nickeled push button. Packed 12 per box.	12
48C	Pocket Clips for holders, Nos. 48, 5649 and 5649½. Packed 12 clips per envelope.	12
1098	Universal Pencil Lengthener for both round and hexagon pencils. Nickel plated ferrule with sliding ring for holding pencil securely. Wooden barrel. Packed 12 per box.	12
2601	Carbon Leads (.120" x 5") are designed for use in holder Nos. 39-B, 5616 and 5617. Available in 4 degrees: 1 (softest), 2, 3 and 5. Packed 6 of a degree per box, half gross per carton.	6
2610	Negro Leads (.220" x 4¾") are smooth, jet black leads available in 3 degrees: 1 (softest), 2 & 3. Also made in pencil form No. 350. Packed 6 of a degree per box, ¼ gross per carton.	6
2018	Graphite Leads (.220" x 4¾") are available in 3 degrees: 2B, 4B & 6B. Also made in pencil form No. 355. Packed 6 of a degree per box, ¼ gross per carton.	6
2615	White Chalk Leads (.220" x 4¾") for all highlighting on drawings and sketches. One soft degree only. Packed 6 per box, ¼ gross per carton.	6
2620A	Sanguine Leads (.220" x 4¾") are available in one medium degree only. Also made in pencil form No. 186. Packed 6 per box, ¼ gross per carton.	6
2625	Charcoal Leads (.220" x 4¾") available in 3 degrees: 1 (softest), 2 & 3. Also made in sticks, No. 192. Packed 6 of a degree per box, ¼ gross per carton.	6

Item No.	Description	Unit Pack
2632	Roman Sepia Leads (.220" x 4¾") available in one medium degree only. Packed 6 per box, ¼ gross per carton.	6
2633	Cold Sepia Leads (.220" x 4¾") are darker shade than No. 2632 Leads. Packed 6 per box, ¼ gross per carton.	6
2650/ 2655	China Marking Leads (.220 x 4¾") for marking on glass, plastic, wood, etc. Available in 6 colors: 2650 white, 2651 red, 2652 blue, 2653 green, 2654 yellow, & 2655 black. Packed 6 of a color per box, ¼ gross per carton.	6
5649	Koh-I-Noor large diameter Lead Holder for No. 2600 series leads and other leads .220" x 4¾" as listed on this page. Black finish and silver imprint. Large, easy action clutch for firm grip. Packed in vinyl pouch.	1

KOH-I-NOOR® PENHOLDERS



Item No.	Description	Unit Pack
106A	Crow Quill Penholder with triangular shape for fitting the hand and reducing hand fatigue. Available in 3 finishes: red, natural and black. Packed ¼ gross assorted colors per box.	36
03½	Penholder with release lever for removal of old rusted points without soiling or cutting hands. Light weight and perfectly balanced. Available in 3 finishes: red, black and natural. Packed ¼ gross assorted colors per box.	36
14	Penholder with large diameter barrel with white finger grip and contrasting colored ends: red, black, yellow, blue, green and purple. Packed ¼ gross assorted colors per box.	36
15	Penholder same as No. 14 only smaller size. Packed ¼ gross assorted colors per box.	36
113½	Penholder, medium size with black finger grip and contrasting colored ends: green, red, blue, purple, yellow, and white. Packed ¼ gross assorted colors per box.	36
114½	Penholder, medium size with variegated finger grips with ends finished in silver. Packed ¼ gross per box.	36
121	Penholder with large diameter holder with rubber finger grip and 4 finishes: green, yellow, blue and red. Packed ¼ gross assorted colors per box.	36

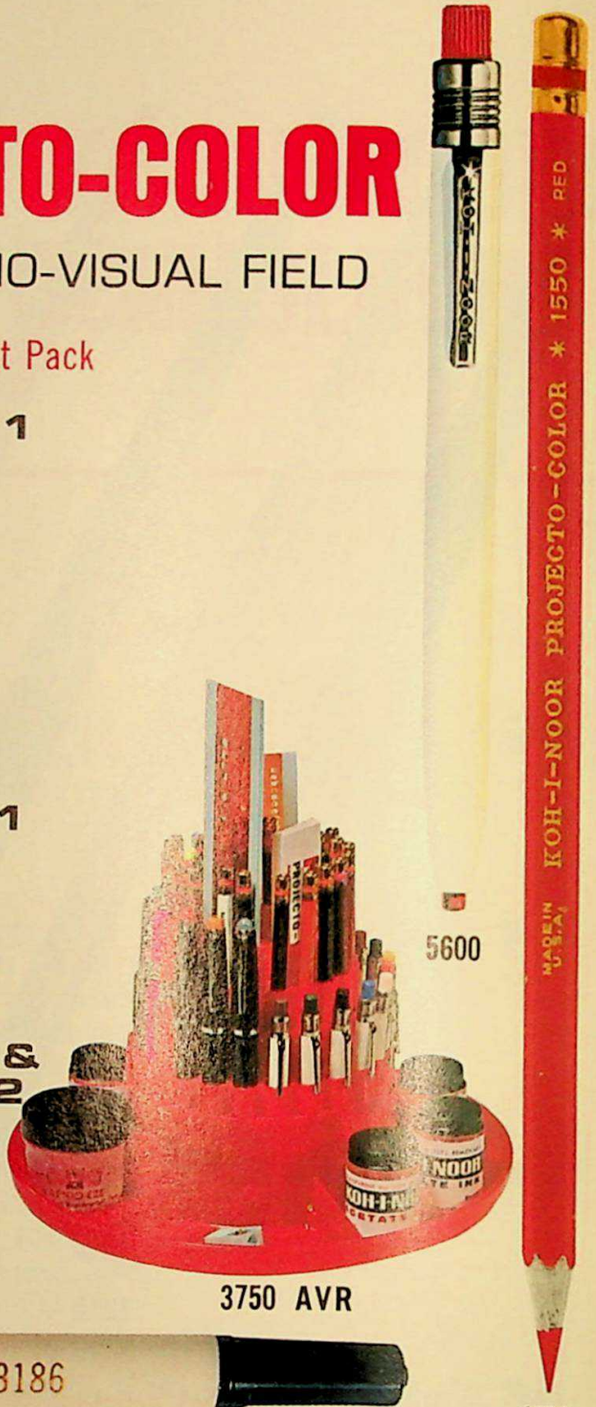


Item No.	Description	Unit Pack
127A	Penholder with cork finger grip and steel insert. 2 finishes, red and black. Packed ¼ gross assorted colors per box.	**36**
116½	Penholder with closed globe insert. Designed to easily fit into India ink bottles. 3 finishes: red, black and natural. Packed ¼ gross assorted colors per box.	**36**
130	Penholder for use where price is a factor. Wooden holder in 2 finishes: red and black. Packed ¼ gross assorted colors per box.	**36**
131	Penholder same design as No. 130, but with metal ring. 2 finishes: red and black. Packed in ¼ gross assorted colors per box.	**36**
132	Penholder same design as No. 131, but with natural finish. Packed ¼ gross per box.	**36**
134	Plastic Penholder with finger grip. 2 finishes: red and black. Packed ¼ gross assorted colors per box.	**36**
106	Penholder for use with lettering points. Triangular shape fits hand for ease in use. Packed ¼ gross per box.	**36**
3553	Penholder assortment in easel box contains 1 doz. 116½, 132, 121, 106A, 03½, & 127A penholders.	**72**

KOH-I-NOOR® PROJECTO-COLOR

SETS AND ACCESSORIES FOR THE AUDIO-VISUAL FIELD

Item No.	Description	Unit Pack
3750 AVR ROTO-TRAY	Koh-I-Noor Projecto-Color Set offers a comprehensive assortment of drawing and writing materials for the audio-visual and educational art fields. Set contains: 3 No. 3060 Rapidograph Pens (0, 2 & 4), 2 Lettering Guides (3030 & 3032), 4 bottles of 3073 Acetate Ink (red, blue, green & black), 1 bottle of Rapido-Eze Pen Cleaner, 2 dozen No. 1550 Projecto-Color Pencils, (red, blue, green, yellow, violet, orange, brown, black & white), 1 No. 1023 Pencil Sharpener, 8 No. 3186 Markers (red, yellow, blue, violet, green, orange, brown & black). 9 No. 5600 Markers (red, yellow, blue, violet, green, orange, brown, black, & white). 12 No. 5601 Refill Leads (assorted colors). Packed in an attractive Roto-Tray for ease in use and convenient storage.	1
3750 AV1	Koh-I-Noor Projecto-Color Set designed for use where a limited selection of materials and colors is needed. Set contains: 6 No. 1550 Projecto-Color Pencils (red, yellow, blue, orange, green & black), 1 No. 1023 Pencil Sharpener, 6 No. 3186 Markers (red, yellow, blue, orange, green & black) and 4 No. 5600 Markers (red, blue, black and green). Packed in a convenient fold-away dispenser kit.	1
3186 S	Koh-I-Noor Projecto-Color Markers with water based ink adhere perfectly to acetate, yet are easily removed with a damp cloth. Colors will not fade or change color when projected. Long lasting point for chart and detail work. Available in 8 Kolor-Koded colors: red, yellow, blue, violet, green, orange, brown & black. Packed 8 assorted colors to a cardboard box and 12 of a color per box. (3186)	8 & 12



3186

1550

1550▫	Koh-I-Noor Projecto-Color Pencils permit perfect adhesion when writing or drawing on acetate and project in vivid colors. Pencils are smooth writing and strong, yet do not smear or become tacky under projection heat. Marks easily removed with damp or dry cloth. Available in 9 Kolor-Koded colors: red, yellow, blue, violet, green, orange, brown, black & white. Packed 12 of a color per box, half gross per carton.	12
5600	Koh-I-Noor Projecto-Color Holders are designed for use with No. 5601 leads. Holder features positive propel-repel action. Available in 9 Kolor-Koded colors: red, yellow, blue, violet, green, orange, brown, black & white. Packed one dozen solid colors in set-up easel box.	12
5601	Koh-I-Noor Projecto-Color Leads are the same formulation as No. 1550 Pencils but smaller diameter for use with No. 5600 Holders. Available in 9 Kolor-Koded colors: red, yellow, blue, violet, green, orange, brown, black & white. Packed 12 of a color per box, half gross per carton.	12

3750 AV1

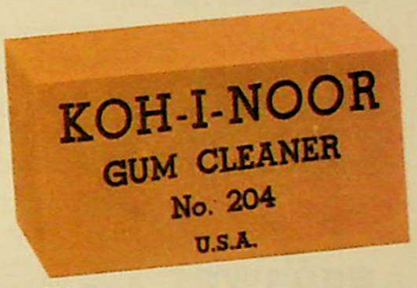
▫ See last page of index for explanation.

KOH-I-NOOR® ERASERS

Item No.	Description	Unit Pack
100/5	Koh-I-Noor Kohplastisc Eraser (size 5) is a kneadable eraser ideal for cleaning finger marks and smudges. Packed 24 per box, 1 gross per carton.	**24**
100/10	Koh-I-Noor Kohplastic Eraser (size 10). Larger version of 100/5. Packed 12 per box.	**12**
303	Koh-I-Noor Arrowhead Eraser is a soft eraser to slip on the end of a pencil. Packed 1 gross per box.	**144**
	Koh-I-Noor Gum Cleaner Eraser is soft and pliable, will not damage paper surface. Available in the following sizes:	
201	2" x 1" x ⅞"	**12**
202	1" x 1" x 1"	**24**
204	2" x 1" x 1"	**12**
317B	Koh-I-Noor Eraser Pencil is a woodcased eraser with a brush, points easily in most pencil sharpeners. Ideal for use in small areas. Packed 12 per box, ½ gross per carton.	**12**
286	Koh-I-Lar Drafting Film Eraser is formulated for removing ink lines from drafting film without marring surface. Packed 12 per box.	**12**
288	Koh-I-Lar Drafting Film Eraser Strips (.266" x 7") are designed for use in electric erasing machines. Same formulation as No. 286 eraser. Packed 12 per box.	**12**
289	Koh-I-Lar Drafting Film Eraser Strips (.215" x4¾") are same formulation as No. 288, only smaller size. Packed 12 per box.	**12**
289K	Drafting Film Eraser Set; contains 1 No. 48 Holder, 3 No. 289 Koh-I-Lar Eraser Strips and 1 No. 1023 Sharpener. Packed 1 dozen sets per box.	**12**
291-F	Koh-I-Lar Liquid Eraser (Non-Flammable) erases completely without marring surface. Designed for removing ink lines from polyester base drafting film. Available in ¾ fl. oz. (22 ml.) plastic squeeze bottle.	**12**
292-F	Koh-I-Lar Super Strength Liquid Eraser, especially effective for removing aged ink lines and for erasure of large surface areas at once. Available in ¾ fl. oz. (22 ml.) plastic bottle.	**12**
292	Same as above. In larger 8 fl. oz. (236 ml.) plastic container.	**1**

100/5

303



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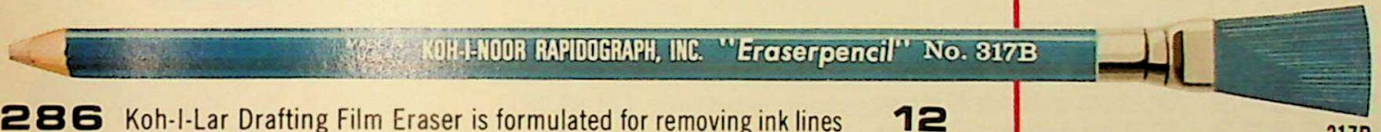


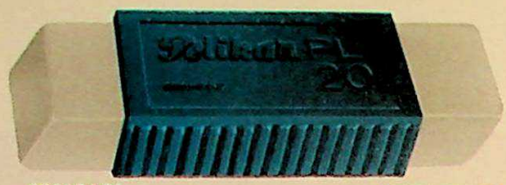
317B

286

289K

291-F

Pelikan®
ERASERS



9601PL20

9600PT20

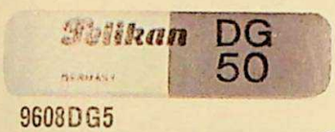
9602BR4

9603RW4

9604WS3

9606SP2

9607GE2



9608DG5

9609BE1

9612PK2

9610

9611

Item No.	Description	Unit Pack
9600PT20	**PT20** (IMBIBED WITH ERASING FLUID) Especially well suited for erasing ink lines from polyester films with emulsion surfaces; also from tracing paper.	1
9601PL/20	FILM ERASER with blue plastic holding device, for erasing drawing ink lines from drafting film.	1
	BR (BLUE/RED) red: for pencil, colored pencil and carbon copies blue: for ink, drawing ink, ballpoint pen and typewritten matter	
9602BR4	BR/40 box containing 40 erasers	1
9602BR8	BR/80 box containing 80 erasers	1
	RW (RED/WHITE) for pencil, colored pencil and carbon copies	
9603RW2	RW/20 box containing 20 erasers	1
9603RW4	RW/40 box containing 40 erasers	1
9603RW8	RW/80 box containing 80 erasers	1
	WS (WHITE-SOFT) for soft pencil	
9604WS1	WS/10 box containing 10 erasers	1
9604WS2	WS/20 box containing 20 erasers	1
9604WS3	WS/30 box containing 30 erasers	1
9604WS6	WS/60 box containing 60 erasers	1
	SP (SPECIAL) green cleaning eraser for pencil (especially for large areas)	
9606SP2	SP/20 box containing 20 erasers	1
9606SP3	SP/30 box containing 30 erasers	1
	GE (KNEADABLE ERASER) for charcoal and chalk as well as finger marks and smudges	
9607GE2	GE/20 box containing 20 erasers	1
	DG (GREY/WHITE) an economical eraser white: for pencil, colored pencil and carbon copies grey: for ink, drawing ink, ballpoint pen and typewritten matter	
9608DG2	DG/25 box containing 25 erasers	1
9608DG5	DG/50 box containing 50 erasers	1
	BE (TYPEWRITER ERASER) blue eraser especially for typewritten matter, also for ink, drawing ink and ballpoint pen	
9609BE1	BE/10 box containing 10 erasers	1
	PK (COMBINATION ERASER) with special blue plastic holding device transparent part: for ink on drafting film blue part: for ink, drawing ink and ballpoint pen	
9612PK2	PK/20 box containing 20 erasers	1
	BLANCO CORRECTION AIDS	
9610	CO/10 White Correction Paper for typewritten matter, pack of 10 sheets, 1″ x 2⅜″	100
9611	1625 White Correction Fluid ¾ fl. oz. (20 ml.) with applicator brush.	10

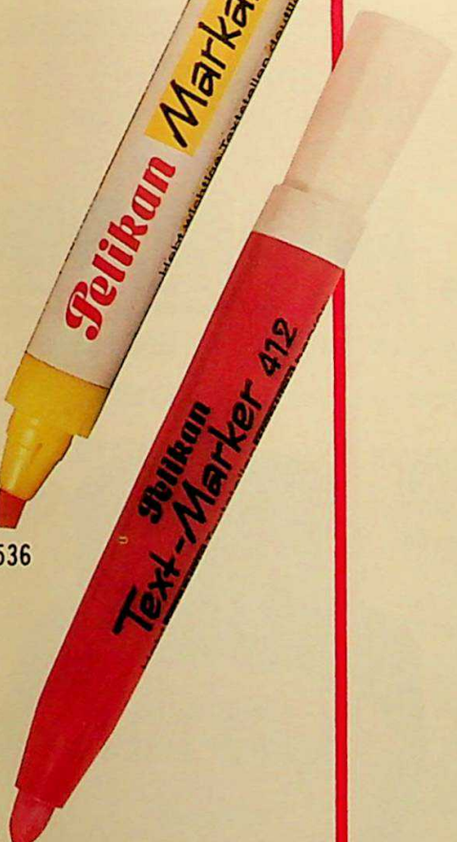
Pelikan®
Markana*

9530-6

9530-10

For school, office and home, Pelikan offers their Markana 30 fibre tip pens; invaluable for marking, writing, drawing, sketching and coloring.

9536



9535

Item No.	Description	Unit Pack
9530 (30)	Markana Pens No. 30 in vacuum sealed cardboard box containing 10 pens of one color. (Pens are only sold in multiples of 10 per color) Shades: black, blue, red, green, yellow & brown.	**10**
9530-6 (30/6)	Markana Set No. 30/6 in plastic sleeve, containing 1 each of six shades listed above.	**20**
9530-10 (30/10)	Markana Set No. 30/10 in plastic sleeve, containing 1 each of all shades listed above plus: light blue, light green, orange and violet.	**10**
9535 (412)	Pelikan Text Marker. Highlighting Reference Marker with large ink capacity in shades: fluorescent yellow and fluorescent pink.	**5**
9536 (51)	Pelikan Markana Spot Highlighting Reference Marker with giant ink capacity, metal container, shades: fluorescent yellow and fluorescent pink.	**5**

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan item numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

Pelikan®

Waterproof Drawing Inks and Fount India Ink

Pelikan Waterproof Drawing Inks are supplied in black, white and 16 transparent colors. They are free flowing and can be used in most technical fountain pens. Pelikan Inks are especially designed for use in Pelikan Graphos Pens and Koh-I-Noor Rapidograph Technical Pens. Pelikan waterproof black Drawing Ink offers uniform opaque coverage ideal for reproduction. For use on paper and cloth.

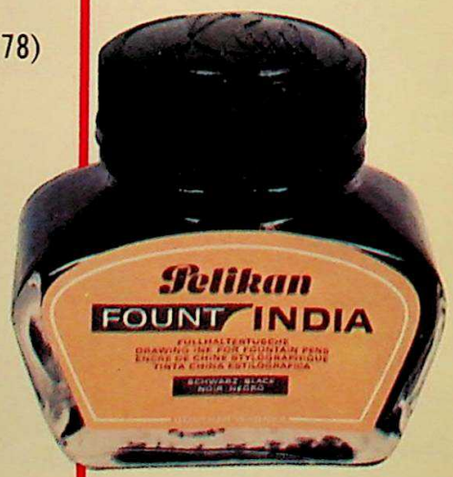
9065

9060

9062

9063

Item No.	Description	Unit Pack
9065 (518)	Pelikan waterproof Drawing Ink in 1 fl. oz. (29 ml.) glass bottle with dropper stopper and pipette. (all shades)	**12**
9060 (P)	Pelikan waterproof Drawing Ink in ⅓ fl. oz. (9 ml.) cartridge with rubber ball and nozzle. (black only)	**12**
9062 (523)	Pelikan waterproof Drawing Ink in 2/5 fl. oz. (10 ml.) glass bottle with filler quill cap. Shades 2, 3, 5, 6, 7, 8, 9, 12, 14, 15, 18, and 17 black.	**12**
9063 (523/6)	Pelikan waterproof Drawing Ink assortment containing: 6 bottles assorted 2/5 fl. oz. (10 ml.), shades #3, 5, 6, 9, 15 & 17.	**1**
9150 (78)	Pelikan Fount India Drawing Ink in 1 fl. oz. (30 ml.) glass bottle is a free flowing, deep black water based drawing ink, for use in conventional fountain pens. Excellent for thermo-copying and other reproductions. Non-clogging and quick drying. (black only)	**12**
9152	Pelikan Fount India Drawing Ink in ½ pt. (250 ml.) bottle with pouring spout.	**1**



9150 (78)

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

Pelikan®

Waterproof Drawing Inks

Pelikan Colored Inks offer the ultimate in vividness, purity of color and permanency. All Pelikan Colored Drawing Inks can be mixed to achieve intermediate shades and can be diluted with distilled or boiled water.

RANGE OF COLORS		ITEM NUMBERS					
Color Number	Shade	9060	9062	9065	9067	9068	9069
1	Scarlet			X	X		
2	Carmine		X	X	X		
3	Vermilion		X	X	X		
4	Orange			X	X		
5	Yellow		X	X	X		
6	Light Green		X	X	X		
7	Deep Green		X	X	X		
8	Cobalt Blue		X	X	X		
9	Ultramarine		X	X	X		
10	Prussian Blue			X	X		
11	Red Violet			X	X		
12	Blue Violet		X	X	X		
13	Sienna			X	X		
14	Burnt Sienna		X	X	X		
15	Sepia		X	X	X		
16	Grey			X	X		
17	Black	X	X	X	X	X	X
18	White		X	X	X		

9067

9178 (4 TL)

Item No.	Description	Unit Pack
9067	Pelikan Waterproof Drawing Ink in ½ pt. (250 ml.) bottle. (All Shades)	6
9068	Pelikan Waterproof Drawing Ink in 1 pt. (500 ml.) bottle. (Black only)	6
9069	Pelikan Waterproof Drawing Ink in 1 qt. (1000 ml.) bottle. (Black only)	6
9178 4TL	Pelikan Pen Cleaner. Unique double compartment plastic container permits fast, convenient cleaning of all Technical Pens and Points, 3½ fl. oz. (100 ml.).	1
9180	Pelikan Pen Cleaner in 1 qt. (1000 ml.) bottle for refilling 4 TL container.	1

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan number shown in (parentheses). Please specify Koh-I-Noor item number when ordering.

Pelikan®

Drawing Inks for Drafting Film

9085 (518T)

9066 (518 Special)

Pelikan Drawing Inks for drafting film give the draftsman an unequalled choice of ink best suited for his specific film, incorporating top adhesion with permanence, opacity and waterproofness. The desired effects will be found through practical experimentation with the 4 different types of Pelikan nonetching (removable) drawing inks. All nonetching inks can be diluted with distilled or boiled water.

Item No.	Description	Unit Pack
9085 (518T)	Pelikan T (green label) Waterproof Drawing Ink in 1 fl. oz. (29 ml.) glass bottle with dropper stopper is the most universal of the 4 inks for use on mat-surfaced drafting films. Also for use on waterproof tracing cloth and hard-surfaced detail papers. Ink is fast drying and completely waterproof in a few minutes. (Black only)	**12**
9087	Pelikan T Ink in ½ pt. (250 ml.) bottle. (Black only)	**1**
9089	Pelikan T Ink in 1 qt. (1000 ml.) bottle. (Black only)	**1**
9066 (518 Special)	Pelikan "Special" (blue label) Waterproof Drawing Ink in 1 fl. oz. (29 ml.) glass bottle with dropper stopper. Specially formulated for tubular-type technical pens with emphasis on prolonged "open pen" time. For same surfaces as T Ink. Shade No. 50 BLACK and the 6 colored shades are light-fast and reproducible. Shades 51 red, 52 yellow, 53 green, 54 blue, 55 violet and 56 brown are opaque.	**12**
9070	Pelikan "Special" Ink in ½ pt. (250 ml.) bottle. (No. 50 BLACK only)	**1**
9075	Pelikan "Special" Ink in 1/3 fl. oz. (9 ml.) cartridge with rubber ball and nozzle. (No. 50 BLACK only)	**12**
9095 (518TN)	Pelikan TN (green label) Waterproof Drawing Ink in 1 fl. oz. (29 ml.) glass bottle with dropper stopper is particularly designed for work on gelatine coated surfaces. Fast drying. (BLACK only)	**12**
9097	Pelikan TN Ink in ½ pt. (250 ml.) bottle. (BLACK only)	**1**
9101 (518TT)	Pelikan TT (green label) Waterproof Drawing Ink in 1 fl. oz. (29 ml.) glass bottle with dropper stopper. Similar to T ink, but also designed for coated and uncoated drafting film. Fast drying and highly elastic when dry. (BLACK only)	**12**
9103	Pelikan TT Ink in ½ pt. (250 ml.) bottle. (BLACK only)	**1**

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

Pelikan®

Drawing Inks for Drafting Film

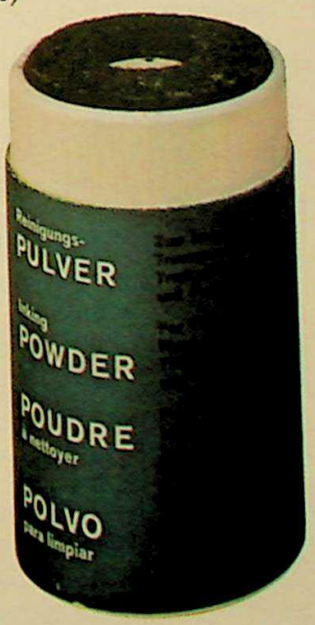
9120 (518K)

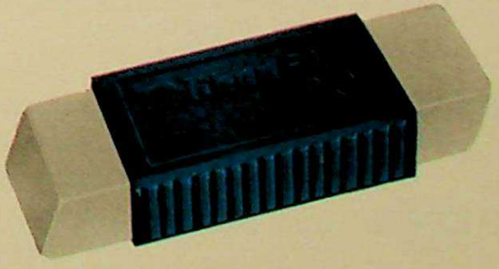
Pelikan K Inks affect and etch into plastic and **should** therefore **only be used with metal ruling pens.** Pelikan Etching Drawing Inks are spirit, benzine and waterproof when dry.

Item No.	Description	Unit Pack
9120 (518K)	Pelikan K Ink in 1 fl. oz. (29 ml.) bottle. Available in black, red, yellow, green, blue and violet. For plastic or acetate sheets of gauge .005" and over with mat or glossy surface. (Not for polyester base films.) For even the finest cartographic work.	**12**
9122	Pelikan VK Thinner for K ink in 1¾ fl. oz. (50 ml.) bottle.	**12**
9127	Pelikan LK Solvent for K ink in 1¾ fl. oz. (50 ml.) bottle for cleaning writing instruments. **CAUTION**: Do not use on plastic parts.	**12**
9125	Pelikan FK Cleaning Medium for surface preparation prior to use with K ink in 1¾ fl. oz. (50 ml.) bottle.	**12**
9165 (333)	Pelikan Inking Powder for cleaning and preparing drafting surfaces prior to work. Handy felt distributor on container (4 oz.).	**10**
9601 (PL/20)	Pelikan Plasto Erasers are made of a special pliable plastic and are designed for use on drafting film. When erasing drawing inks, best results can be had with a moistened eraser. Also for drawing pencil, copying pencil and colored pencil erasures and can be used on paper and offset paper foils. Leaves no ghost and rolls up in compact string, no dust.	**20**

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

9165 (333)





9601

Pelikan®

Graphos® Fountain Pen & Nib Assortments

The Pelikan Graphos is a drawing ink fountain pen with special, easily interchangeable steel nibs. It has proven its efficiency in technical drawing, free-hand drawing and lettering. The drawing ink always flows uniformly and continuously from the nib and gives well-covered and sharply defined lines. The flow of the drawing ink may be varied by changing the feed. See page 71 for complete chart of nibs for use with Graphos technical fountain pens.

Item No.	Description	Unit Pack
9000	Penholder with ink feed No. 2. Can be used with Rapidograph Compasses and Compass Clips (see page 19).	1
9001	Feeds, No. 1 for sparse (9001-1), No. 2 for medium (9001-2), No. 3 for heavy flow (9001-3).	6
9012	Graphos College assortment packed in an attractive plastic case. Provides the user with an economical set for most ruling, technical drawing and free-hand lettering. Contents: 1 Graphos drawing ink fountain pen with No. 2 feed, 1 Pelikan Drawing Ink cartridge, black, 6 assorted graphos nibs (A-0.13, 0.3, 0.5 & 0-0.2, 0.4, 0.8).	1
9013	Graphos Standard assortment packed in an attractive plastic case. Provides an excellent assortment for ruling, technical drawing, sketching, poster work and free-hand lettering. Contents: 1 Graphos drawing ink fountain pen with No. 2 feed, 12 assorted graphos nibs (A-0.1, 0.2, 0.3, 0.5, 0.6, & T-0.8, 1.25 & 0-0.2, 0.4, 0.5, 1.0 & SK) 1 Pelikan Drawing Ink cartridge.	1
9018	Graphos Master assortment packed in a plastic case. Provides for every type of ink work to satisfy even the most exacting professional requirements. Contents: 1 Graphos drawing ink fountain pen with No. 2 feed, 3 Graphos feeds (1, 2 & 3) and 1 complete set of 60 Graphos nibs.	1
9020	Empty plastic case for 6 nibs or 12 nibs, holder and ink cartridge.	1
9022	Empty plastic case for 60 nibs, holder and 3 feeds.	1

9000

9012

9013

9018

Pelikan® Graphos® Nibs

Pelikan Graphos interchangeable nibs are for use with Graphos technical fountain pens and are available in 60 different styles. The nibs, with the exception of the flexible "S" nibs, are of a predetermined width not affected by varying pressure. The Graphos Nibs are rust proof. Their pivot construction permits easy and thorough cleaning.

ITEM NUMBER	NIB	TYPE	WIDTHS SUPPLIED (in mm)	KIND
9010-A		A	0,1 0,13 0,18 0,2 0,25 0,3 0,35 0,4 0,5 0,6 0,7	RULING NIBS FOR FINE LINES
9010-T		T	0,8 1,0 1,25 1,6 2,5 4,0 6,4 10,0	RULING NIBS for broad lines and for poster work
9010-S		S	B = SOFT HB = MEDIUM HARD H = HARD K = EXTRA HARD	*Drawing Nibs for fine freehand drawing sketching cartography and touch-up work*
9010-R		R	0,3 0,4 0,5 0,6 0,7 0,8 1,0 1,25 1,5 1,75 2,0 2,5 3,0	TUBULAR NIBS FOR STENCILLING WITH LETTERING GUIDES AND FOR CONTOUR LINES
9010-O		O	0,2 0,3 0,4 0,5 0,6 0,7 0,8 1,0 1,25 1,6 2,0 2,5 3,2 5,0	*ROUND NIBS for freehand lettering and sketching*
9010-N		N	0,8 1,25 2,0 2,5 3,2 4,0	Right hand slant nibs for oblique lines
9010-Z		Z	0,8 1,25 2,0 3,2	*Left hand slant nibs for oblique lines*

Item No.	Description	Unit Pack
9010-A	Ruling nibs for fine lines.	12
9010-T	Ruling nibs for broad lines & poster work.	12
9010-S	Drawing nibs for free-hand drawing.	12
9010-R	Tubular nibs for lettering guides.	12
9010-O	Round nibs for rounded end lines.	12
9010-N	Right-hand slant nibs for squared end lines.	12
9010-Z	Left-hand slant nibs for squared end lines.	12
	Cleaning wires for tubular nibs "R".	
9006-01	for 0.3 mm	25
9006-02	for 0.4 to 3.0 mm	25

Pelikan®

Opaque Water Colors

Pelikan Opaque Water Colors offer the ultimate in intensity and brilliance and dry with velvet-like finish. Colors can be mixed to a variety of hues without producing muddy tones. Superb coverage assured even over the darkest color surfaces. Pelikan opaque water colors, suitably diluted, may be used as transparent colors.

9291K (735K/12)

Transparent Water Colors

Pelikan Transparent Water Colors provide the artist with a wide range of pure, intense colors that dry to produce clear, brilliant results. Pelikan water colors are recognized as the finest by professional and commerical artists, as well as amateurs throughout the world.

9303 (66E/24)

Pelikan water color boxes contain interchangeable pans that are made of an inert white plastic which does not rust or affect the colors. Pans can be easily removed, exchanged or rearranged, yet fit tightly.

Item No.	Description	Unit Pack
9290K (735K/6)	Box with 6 Opaque Colors and 1 tube of white	1
9291K (735K/12)	Box with 12 Opaque Colors and 1 tube of white	1
9292K (735K/24)	Box with 24 Opaque Colors and 1 tube of white	1
9293K (735K)	Refill pans, Opaque Colors [9293 (735) for old style pans]	10
9294K (735KB)	Refill pans, Metallics only [9294 (735B) for old style pans]	10
9302 (66/12)	Box with 12 Transparent Colors and 1 tube of white	1
9303 (66E/24)	Box with 24 Transparent Colors and 1 tube of white	1
9308 (66)	Refill pans, Transparent Colors	12
9309 (66B)	Refill pans, Metallics	12
9332 (732/3)	Long tube Chinese White ¼ fl. oz. (7.5 ml.) for sets	10

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

BOX ASSORTMENTS FOR OPAQUE AND TRANSPARENT COLORS

BOXES WITH 6 COLORS CONTAIN:

59A	Yellow
58	Vermilion
34	Carmine
120	Ultramarine
130A	Blue Green
11	Black

BOXES WITH 12 COLORS CONTAIN ABOVE LISTED COLORS PLUS:

190	Burnt Sienna
59B	Orange
80	Yellow Ochre
155	Yellow Green
117	Prussian Blue
192	Umber

BOXES WITH 24 COLORS CONTAIN ALL ABOVE LISTED COLORS PLUS:

23	Payne's Grey
42	Indian Red
53	Venetian Red
59D	Lemon
69	Indian Yellow
108A	Cobalt Blue
109	Violet
127	Turquoise Blue
135A	French Green
193	Burnt Umber
220	Gold
221	Silver

Pelikan® Brushes

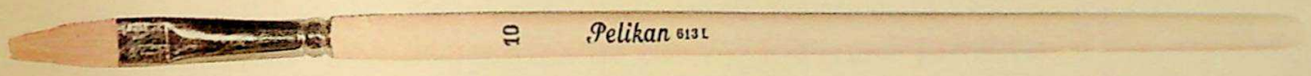
Renowned for their high quality, uniformity and reasonable cost, Pelikan Brushes are widely used all over the world. Choice of a particular brush is governed by the painting technique. For water colors, hair brushes with short handles are most suitable. For opaque colors, the full-bodied round hair brush and the flat bristle brush are recommended which will quickly cover large areas.

Item No.	Description	Unit Pack
9390 (53E)	Pelikan red sable watercolor brushes are of the finest quality, well balanced, with seamless silver-plated ferrule. Ideally suited for graphic arts, fine arts and retouching purposes. Sizes: 000, 00, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12	**12**

9397 (88)	Pelikan Flat Oxhair brushes with seamless silverplated ferrule. Ideal for poster work watercolor and washes. Sizes: 1/16", 1/12", 1/8", 3/16", 1/4", 3/8", 1/2", 3/4" & 1"	**12**

9382 (25)	Squirrel hair, superior scholastic quality, nickel ferrule, red-brown, polished handle, for water color painting. Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12.	**12**
9380 (23)	Camel hair, scholastic quality, tin ferrule, black, polished handle, for water color painting. Sizes: 1, 2, 3, 4, 5, 6, 8, 10, 12.	**12**

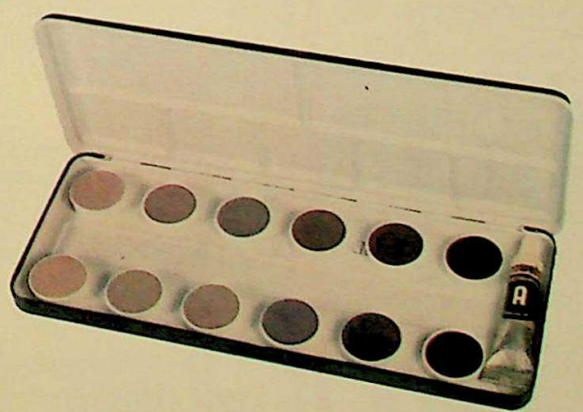
9399 (40)	Squirrel hair, superior scholastic quality, white plastic handle with color-coded middle section, for water color painting. Sizes : 2 (yellow), 4 (red), 6 (blue), 8 (green), 10 (brown), 12 (grey).	**10**



9386 (613)	Flat Bristle Brushes, good quality, tin ferrule, white handle, for water- and oil-color painting. Sizes: 9386F (613F) 2, 4, 6, 8, 10, 12, 9386L (613L) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20. F = Short bristles, short handle; L = Long bristles, long handle.	**12**

KOH-I-NOOR®

RETOUCH GREY SET



9291 G	Koh-I-Noor Retouch Grey Set. Contains 5 warm and 5 cool grey pans, plus 1 each ivory black and platinum black pans and 1 tube of Aerowhite A.	**1**

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

ASSORTMENT OF COLORS

WHITE
02 White

BLACK
011 Ivory Black
012 Mixing Black
013 Lamp Black

GREY
21 Grey
23 Payne's Grey
26 Grey Pale

RED
34 Carmine
34A Carmine Lake
36 Bengal Red II
36A Bordeaux Red
37 Carthamine Red II
38 Alps Red
39 English Red
40B Pink, brilliant
41 Flesh Color
42 Indian Red
43 Purple
43B Deep Madder
51 Saturn Red
52 Solferino
54 Vermilion Deep
55 Flame Red
58 Vermilion Pale

YELLOW
59 Cadmium Yellow Deep
59A Cadmium Yellow Pale
59B Cadmium Orange
59C Cadmium Yellow Middle
59D Cadmium Lemon
60 Chrome Yellow Pale
62 Chrome Yellow Deep
69 Indian Yellow
78 Naples Yellow
80 Yellow Ochre
81 Yellow Brown

BLUE
107 Cobalt Blue Pale
108 Indigo
108A Cobalt Blue
109 Violet Lake
110 Light Blue
111 Lilac
112 Violet
113A Mauve
116 Paris Blue
117 Prussian Blue
120 Ultramarine Deep
120A Ultramarine Pale
123 Cerulean Blue
126 Ice Blue
127 Turquoise Blue

GREEN
129 May Green
130A Viridian
131A Green Oxide of Chromium
132 Olive Green
143 Green Lake Deep
144 Light Green Bluish
145 Cyprus Green II
146 Cyprus Green I
152 Prussian Green
153 Sap Green Bluish
155 Sap Green Yellowish
159 Cinnabar Green Pale
160 Cinnabar Green Deep
168 Brilliant Green

BROWN
172 Cassel Earth
190 Burnt Sienna
192 Raw Umber
193 Burnt Umber
194 Vandyke Brown

METALLICS
218 Pale Gold
219 Rich Gold
221 Silver
222 Copper

Pelikan®
Concentrated Designers' Colors

9215N

9217 (730/7)

A glue-tempera, which dries to a mat, velvet-like smoothness and completely covers even the deepest color surfaces. The brilliant shades are suitable for work on paper, cardboard, wood and similar materials. It can be applied with brush, pen and (diluted with water) with airbrush. Some distinguishing features of Pelikan concentrated Designers' Colors: easy flow, good adherence, extreme covering properties and economy of use, brilliance and purity of shades. For waterproof work, Pelikan Plaka is recommended.

Item No.	Description	Unit Pack
9213 (730/3)	Pelikan Designers' Colors in ¼ fl. oz. (7.5 ml.) No. 3 tubes (regular shades).	5
9215N (730/50)	Pelikan Designers' Colors in 1¾ fl. oz. (50 ml.) jars with duplex cap (regular shades).	6
9216N	Pelikan Designers' Colors in 1¾ fl. oz. (50 ml.) jars with duplex cap (metallic shades).	6
9217 (730/7)	Pelikan Designers' Colors in ¾ fl. oz. (20 ml.) No. 7 tubes (regular shades).	5
9218 (730/10)	Pelikan Designers' Colors in 2 fl. oz. (60 ml.) tube (shade No. 02 white only).	2

Pelikan Designers' Color Sets

9212 (730K/7)	Plastic box (similar to 730K/12) with 7 tubes ¼ fl. oz. (7.5 ml.) and 1 mixing tray. Shades: 02, 34, 58, 59A, 120, 130A and 013.	1
9214 (730K/12)	Pelikan Designers' Color Set with removable plastic mixing trays, detachable lid, which also serves for mixing colors and 12 tubes ¼ fl. oz. (7.5 ml.) of Designers' Colors. Shades 02, 59A, 58, 34, 120, 130A, 013, 80, 159, 109, 117 and 190.	1

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

9214 (730K/12)

Pelikan®

Plaka

A ready-for-use waterproof casein emulsion color of extraordinary covering power. It dries with a mat, velvet-like finish and becomes waterproof. Ideally suited for commercial art and window display as well as sketches, posters, transparencies, interior and exterior decorations. Pelikan Plaka is also appreciated by mural painters, model-makers and particularly hobby painters. It adheres well to: paper, cardboard, wood, plaster and metal. Paintings intended to be long lasting should be coated with an air-drying lacquer.

9248

Item No.	Description	Unit Pack
9248	Pelikan Plaka Hobby Set contains an attractive suggestion booklet, one each 1¾ fl. oz. (50 ml.) jar of Plaka colors 1, 11, 24, 30, 44 and 70 as well as clear varnish 272 and one brush each 613L/12 and 613K/8.	1
9249	Pelikan Plaka Decoration Set contains an illustrated direction booklet for rustic style decorations, 1 each 1¾ fl. oz. (50 ml.) jar of Plaka colors 1, 13, 25, 38, 49 and 70. Also, 1 each 1¾ oz. jar Patina Tint 265, 1 each ¼ fl. oz. (6.5 ml.) tube Patina color 266 and 1 each brush size 2 and 6.	1

Pelikan Plaka in 1¾ fl. oz. (50 ml.) glass jars.

9243	Series 1	6
9244	Series 2	6
9245	Metallics	6
9246	Series 3	6
9247	Series 4	6

9255

Pelikan Plaka in 12½ fl. oz. (375 ml.) tins.

9254	Series 1	1
9255	Series 2	1
9256	Metallics	1
9257	Series 3	1
9258	Series 4	1

Pelikan Plaka Spray (180S) 10 ⅔ oz. (300g) spray can.

Plaka Spray is similar in character and surface appearance to regular Plaka shades. It adheres to practically all surfaces and is especially useful to decorators.

9259

9253	Regular shades, as indicated by asterisks under Assortment of Colors.	6
9259	Metallic shades available in 59 Silver and 63 Gold.	6
9267	Plaka priming and painting medium No. 281 in 1¾ fl. oz. (50 ml.) bottle. Recommended for diluting Plaka.	6
9271	Plaka clear varnish No. 272 in 1¾ fl. oz. (50 ml.) bottle.	6

ASSORTMENT OF COLORS

		WHITE	PRICE SERIES
*	1	White	1
		YELLOW	
*	10	Lemon	2
*	11	Yellow	2
	13	Maize Yellow	1
*	15	Orange	2
*	18	Yellow Ochre	1
		RED	
	20A	Flesh Colour	1
*	22	Carmine	2
*	24	Vermilion	2
	25	Brick Red	1
	28	Deep Madder	2
		BLUE	
*	30	Blue	1
*	32	Red Violet	2
	33	Blue Violet	2
	35	Blue Deep	1
*	36	Turquoise Blue	2
	37	Blue Pale	1
	38	Azure	1
		GREEN	
	42	Yellow Green	2
	43	Green Middle	2
*	44	Green	2
	46	Blue Green	2
*	47	Green Deep	2
	49	Olive Green	1
		BROWN	
	50	Yellow Brown	2
	52	Red Brown	2
*	55	Brown	1
		BLACK	
*	70	Black	1
*	72	Grey	1
		METALLICS	
	59	Silver (Spray only)	
	60	Silver	
	61	Rich Gold	
	62	Pale Gold	
	63	Pale Gold (Spray only)	
		FLUORESCENT (LUMINOUS) PAINTS	
	78	White	3
	80	Yellow	4
	81	Orange	3
	82	Light Red	3
	84	Blue Red	3
	86	Blue	4
	90	Yellow Green	4

Pelikan® Graphic White

Item No.	Description	Unit Pack
9341	Pelikan Graphic White in 1¾ fl. oz. (50 ml.) glass jars is formulated primarily for the commercial artist's needs; ideal for pen and airbrush when properly diluted. Pelikan Graphic White is outstanding due to its fast adherence to all surfaces and excellent coverage even over black drawing ink. Perfectly opaque and bleed-proof, covering thoroughly on first application.	**6**

9341

Pelikan® "Japan-Aqua" for Lino Printing

For hand printing with wood, lino, cork or rubber blocks on to Japan, hand-made and other absorbent papers, Pelikan supplies their Japan-Aqua Lino Printing Colors. They are water-soluble and dry with a matt finish. For multi-color prints, eight shades are available in addition to black and white.

9370	⅔ fl. oz. (20 ml.) tubes (all shades)	**5**
9372	2 fl. oz. (60 ml.) tubes (black only)	**2**

9370

1 White
2 Yellow
3 Raw Sienna
4 Vermilion
5 Carmine
6 Ultramarine
7 Prussian Blue
8 Blue Green
9 Brown Middle
10 Black

Pelikan® Gold Ink

Pelikan gold metallic type ink is formulated for crowquill pen and brush use on most mat surfaces. Available in wide neck glass bottle for convenient use.

9187 (23W)	Gold ink, ⅓ fl. oz. (10ml.) bottle	**10**

9187

Pelikan Blackboard Chalks

Pelikan blackboard chalks are fine chalks of pastel-like consistency, free from grit, available in 12 brilliant shades, plus white. Very soft, giving strong, uniform strokes, highly break resistant. Each stick is wrapped in perforated paper to facilitate gradual removal for added protection. Highly recommended for poster work.

9420 Set (745/12)	Square-shaped, labelled; assorted one each shade 1-12 in cardboard box.	**1**
9420 (745)	Square-shaped, labelled; 1 dozen of 1 color in cardboard box. Available 1, 3, 4, 6, 7, 8 and 9.	**1**
9421 (755)	Square-shaped, labelled; 1 dozen white only in cardboard box.	**1**

9421 (755)

9420 SET (745/12)

RANGE OF SHADES

1	Yellow Pale	6	Blue Pale	11	Brown Deep
2	Yellow Orange	7	Blue Deep	12	Flesh Color
3	Vermilion	8	Green Pale		
4	Carmine	9	Green Deep		
5	Red Violet	10	Brown Pale	755	White

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

Pelikan®

9434

Thumbtacks

Item No.	Description	Unit Pack
9434 (12/100)	Brass-plated, rustproof tacks, 3/8" head. Superior quality. Box of 100 tacks with unique tack lifting device on bottom of box.	**10**

Pelikan® Nakiplast Modelling Clay

Nakiplast Modelling Clay is easy to knead and shape, will not stick to the hands, need not be covered or wrapped in a damp cloth, does not shrink or collapse. Plaster casts of Nakiplast models can be made without lubricant and will render the smallest detail accurately. Pelikan Nakiplast is non-poisonous.

9444S (195)	Illustrated card board box with 6 blocks (one each of shades 1, 2, 5, 7, 10 and 14).	**1**
94442 LB (680)	2 lb. block of one color.	**1**

Range of shades:
1 White, 2 Yellow, 5 Red, 7 Blue, 10 Green, 14 Black

9444S

Pelikan® Removable Wax Crayons

(Can be removed with water)

9523 (555/6)	Metal box with 6 crayons & scraper. (One each shade 2, 4, 8, 9, 10, 12)	**1**
9522 (555/10)	Metal box with 10 crayons & scraper. (One each shade 1, 2, 4, 5, 6, 7, 8, 9, 10, 12)	**1**

RANGE OF SHADES:

1 White	5 Carmine	9 Green
2 Yellow	6 Violet	10 Brown
4 Red Orange	7 Blue Pale	12 Black
	8 Blue Deep	

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan item numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

9522

Pelikan® Glue and Paste

9413A

9412PG7

"PELIGOM" All-Purpose Glue

Item No.	Description	Unit Pack
9412 PG7	The crystal clear, waterproof drying Peligom all-purpose glue sets quickly and becomes wholly water-insoluble. Ideal for photos and to glue paper, board, wood, fabric, leather, celluloid, metal, china and many plastics. No. 7 Tube in folding box, ¾ fl. oz. (22 ml.).	**20**
9412 PG9	No. 9 Tube in folding box, 1¼ fl. oz. (36 ml.).	**10**

PELIKAN "HOBBY GLUE"

9413A	Pelikan "Peli-coll" Hobby Glue No. 894 is an all-around adhesive for school and home and for do-it-yourself work as well as small repairs. Glues wood, leather, fabrics, paper and cardboard. 2 fl. oz. (60 ml.).	**10**

9416

"PELIKANOL" White Adhesive Paste

9416	Pelikanol is the well-known white adhesive paste with the pleasant almond scent; the perfect adhesive to bond paper to paper. Pelikanol remains water-soluble. The plastic container with bristle brush in a separate compartment, is hermetically sealed off by an orange paraffin layer. 2½ fl. oz. (73 ml.).	**5**

9605

9615

Peli-*fix* Glue Stick

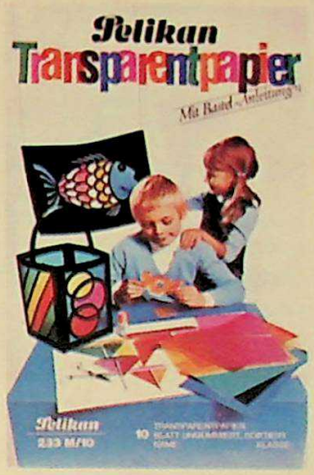
Peli-fix Glue Sticks. Handy, nontoxic paste-up and adhesive sticks with pleasant almond scent. Easy to use, economical and provide utmost cleanliness. For use on paper, cardboard, fabrics, photos and many other surfaces in the office, studio, home and classroom.

9605 (905)	Regular, .22 oz. size, 20 bulk glue sticks per display carton.	**20**
9605BK (905)	Regular, .22 oz. size, 20 blister-carded glue sticks per carton.	**20**
9615 (915)	Super, .6 oz. size, 20 bulk glue sticks per display carton.	**20**

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan item numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

Pelikan® Colored Papers

Pelikan colored, metal foil, and transparent papers in folders are used with scissors or by tearing, in the studio, school and home for hobby or artistic purposes.



Item No.	Description	Unit Pack
9426M (232M/10)	Folder with 10 assorted sheets, glossy with adhesive back, appr. size 11¾″ x 7¼″	**10**
9427M (233M/10)	Folder with 10 assorted sheets, transparent, appr. size 11¾″ x 7¼″	**10**
9428M (234M/5)	Folder with 5 assorted metal foil sheets laminated on both sides	**10**

Pelikan® Stamp Pads

The Pelikan Stamp Pad is contained in an unbreakable, impact-resistant metal casing. A matching plastic frame identifies the color even with the lid closed. The special absorbent felt supplies fresh reserves of ink economically. Many thousands of clear impressions, sharply defined, can be made with one stamp pad. The pad will not dry out even if stored for some time, since it is kept moist through atmospheric absorption. The resilient foam cushion under the felt pad increases the life of the Pelikan ink-pad, with no undue strain on the wrist as the stamp comes down on a soft surface.

Pelikan Stamp Pad Ink gives sharp and intense prints, does not penetrate the paper, and is economical in use. The handy dispenser bottle, No. 4K, which is made from flexible plastic material, facilitates easy and trouble-free re-inking.

Item No.	Description	Unit Pack
8873	Stamp Pad No. 3 (2″ x 2¾″)	**5**
8872	Stamp Pad No. 2 (2¾″ x 4½″)	**5**
8871	Stamp Pad No. 1 (3½″ x 6½″)	**5**
8870	Stamp Pad No. 0 (5¾″ x 7″)	**5**

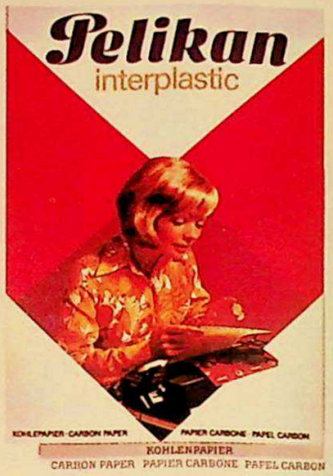
Note: All stamp pads are also available uninked (8873UN, 8872UN and 8871UN).

Pelikan® Stamp Pad Inks

8884K	Stamp Pad Ink in 1 fl. oz. (28 ml.) plastic bottle with spreader and screw cap, in folding box. Colors: black, violet, blue, red, green	**10**

NOTE—All Koh-I-Noor item numbers in **BOLD** type. Corresponding Pelikan numbers shown in (parentheses). Please specify Koh-I-Noor item numbers when ordering.

Pelikan® Carbon Papers



Pelikan Interplastic Wax Carbon Paper possesses every feature expected from a GOOD carbon paper. It is a truly universal carbon, suitable for electric as well as manual typewriters, clean to handle, non-curling and very durable. The exclusive Interplastic film between tissue paper and carbon coating provides better binding of the carbon coating, preventing its absorption into the base tissue and insuring uniform release of carbon upon impact of type. Interplastic is an all purpose, one-finish carbon paper which gives the REAL BLACK print on an intense-finish carbon paper and yet wears as long and is as clean to handle as a hard-finish carbon paper.

Item No.	Description		Available Sizes
880122G	Interplastic 1022G weight of raw paper 7 lbs.	Medium weight (up to 10 copies per set)	8½" x 11½" 8½" x 13½" 8½" x 14½"
880021G	Interplastic 1021G weight of raw paper 8 lbs.	Standard weight (up to 4 copies per set)	8½" x 11½"
880227G	Interplastic 1027G weight of raw paper 4 lbs.	Light weight (up to 15 copies per set)	8½" x 11½"

100 sheets per box—25 boxes to factory carton.

Pelikan Pen and Pencil Carbon Paper

Pelikan Carbon Paper for Pen and Pencil is especially produced for ballpoint and pencil copies. It provides sharply defined and clean, brilliant blue copies and is extremely economical in use. Other features: wax-treated back, non-curling, non-sticking, very clean to handle, thermo-copiable. 100 sheets per box.—25 boxes to factory carton. **(Available in blue only)**

880220H	Pen & Pencil Carbon 200H weight of raw paper 8 lbs.	Standard weight (up to 4 copies per set)	8½" x 11"

Pelikan Duplicating Stencils No. 5160

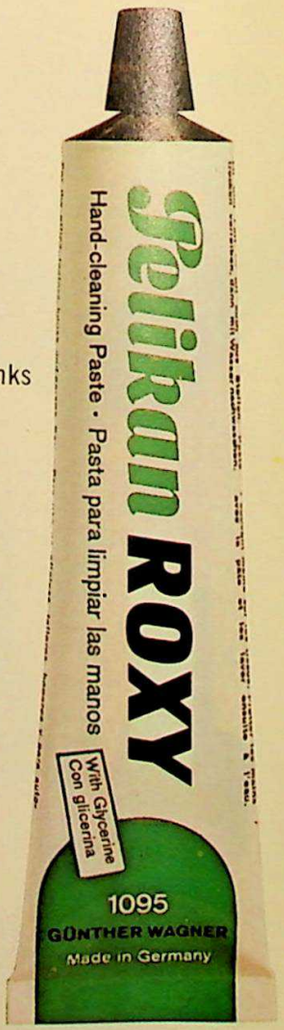
These stencils are for use on PELIKAN ROTAFIX duplicating machines only. 24 Quires per carton.

8830516 Pelikan Stencils No. 5160, regular imprint, WHITE

Pelikan Otina Rapid Duplicating Ink

Pelikan Duplicating inks OTINA RAPID are quick-drying, water-oil emulsion paste inks, which match the original inks sold for the various dual cylinder silk screen mimeographs. Available in black.

		Unit Carton
8850 250	OTINA RAPID 250R for Pelikan Rotafix, 7 oz.	48 cans
8850 302	OTINA RAPID 300/2R FOR REX ROTARY D270, 280 + 490, 11 oz.	50 cans
8850 304	OTINA RAPID 300/4R for Rex Rotary (Bohn) M-2 and M-4, 11 oz.	50 cans
8850 OGR	OTINA RAPID GR for Gestetner and hand-inked silk-screen mimeographs, 14 oz. (2 tubes per pack)	40 tubes



Pelikan "Roxy" Hand Cleaning Paste

For the office, factory, house or garage. Removes stains of typewriter ribbons, carbon paper, ink, grease, dirt, etc. from hands with ease. Paste is applied to dry hands and then rinsed off with water.

		Unit Pack
9411A (1095)	Tube 3½ fl. oz. (103 ml.), in folding box	**10**

Kern SWISS Professional Line

We guarantee the quality of our instruments for a period of 12 months, from date of purchase. During this period, we will repair or replace free of charge and as promptly as possible any part that proves unserviceable through defective material or workmanship. We will not be liable for any other compensation. We reject all other responsibilty for direct or indirect damages. This guarantee does not cover normal wear or damage caused by faulty or negligent handling.

Professional Line
Individual instruments and sets of instruments for architects, engineers, professional draftsmen, designers—all those who want the best.

Individual Instruments

"Individual Instruments
Finest Metals, hard-chromed,
Superb Quality . . . .
the ultimate in durability."

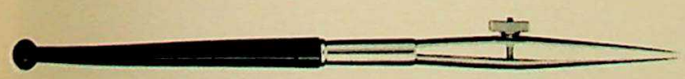
Ruling pens

Item No.	Description
	plastic handle
1001	4.3″
1003	5.1″
1005	5.9″

	with cross joint, plastic handle
1027	4.3″
1028	5.1″
1029	5.9″

1049	5.5″, with graduated adjusting screw for setting the thickness of lines, plastic handle

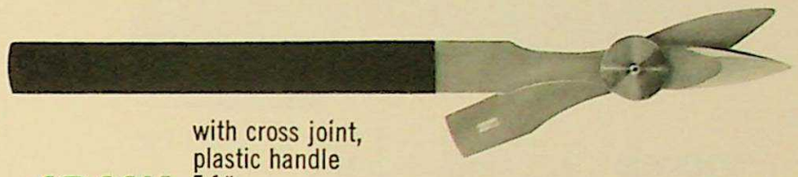
	for surveyors
	plastic handle
1030	5.1″, with hard-metal point
1031	5.5″



	for surveyors
	special plastic handle
1032	4.5″
1039	5.1″

Border pens

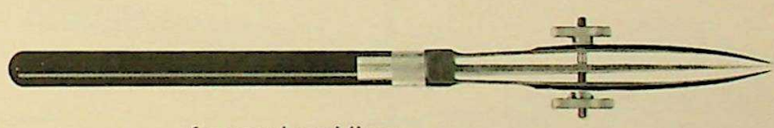
	plastic handle
1041	5.1″
1043	5.9″



	with cross joint, plastic handle
1041K	5.1″
1043K	5.9″
1045K	6.7″

1043KT	5.9″, with cross joint, graduated adjusting screw for setting the thickness of lines, plastic handle

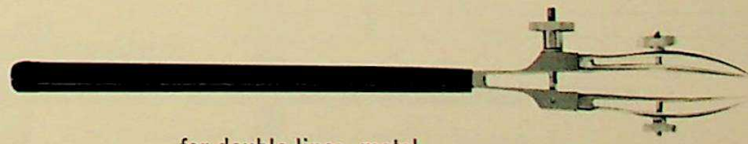
Border pen with 3 blades



	for very broad lines
1047	5.9″, metal handle

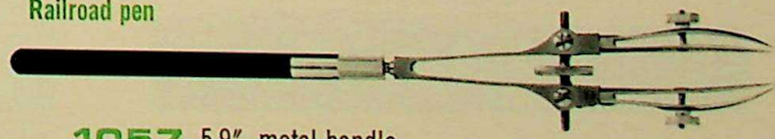
Ruling pens for curves

	for single lines, metal handle
1050	4.7″, with hard-metal point
1051	4.7″



1053	for double lines, metal handle 5.9″

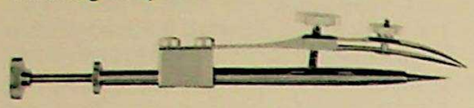
Railroad pen



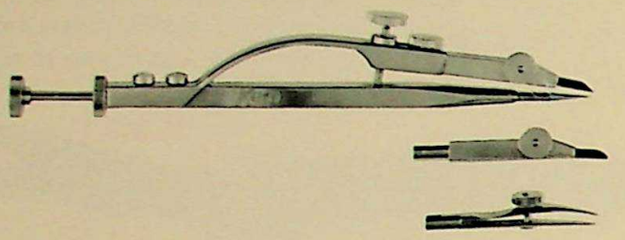
1057	5.9″, metal handle

UNIT PACK FOR ALL THE ABOVE ITEMS: 1

Rotating compasses



11070 3.9″, from 0.01″ to 0.16″ radius, with fixed pen



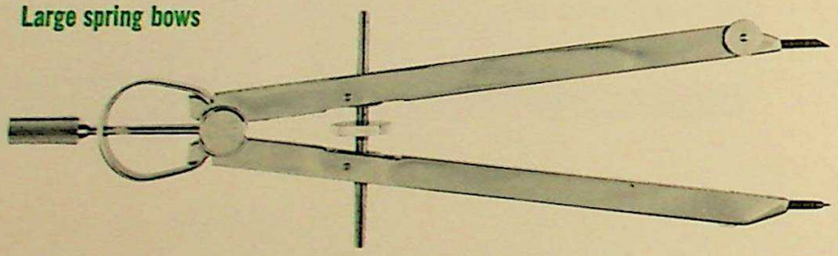
11073* 4.7″, from 0.01″ to 0.2″ radius, with pencil and pen points

11137 pencil point

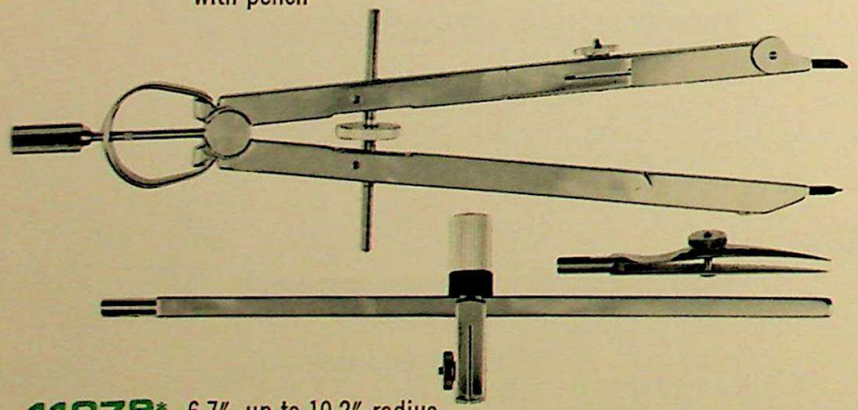
11134* pen point

11073-0 without any points

Large spring bows



11078 6.7″, up to 5.9″ radius, with center screw, with pencil



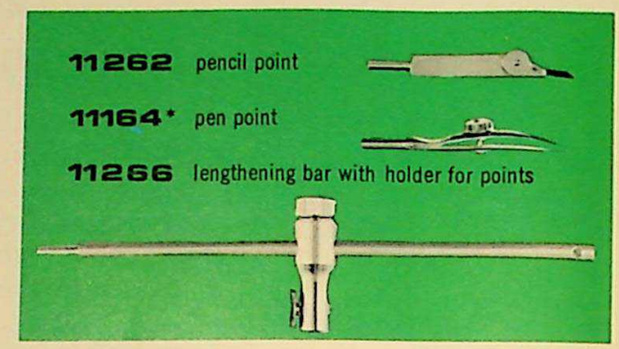
11079* 6.7″, up to 10.2″ radius, with center screw with pencil pen points and lengthening bar

11078-0 without any points

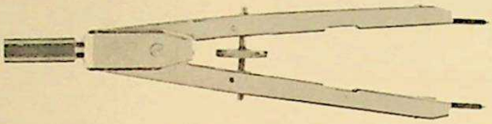
11262 pencil point

11164* pen point

11266 lengthening bar with holder for points

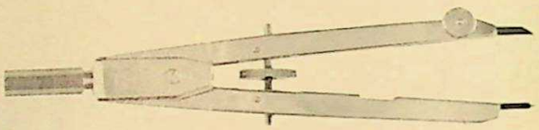


Steel spring bows

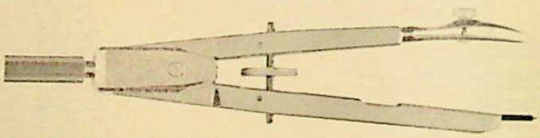


11082 4.3″, up to 1.6″ radius, with center screw adjustment

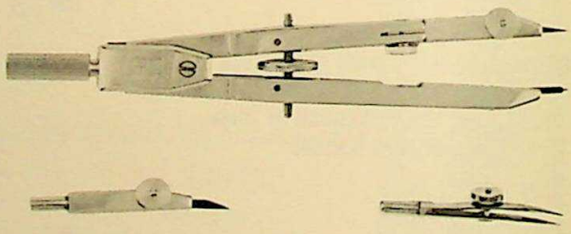
11082 with divider



11083 with pencil



11084* with pen



11087* with divider, pencil and pen points

11136 divider point

11137 pencil point

11138* pen point

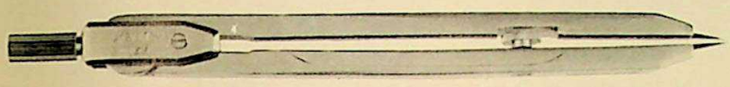
11087-0 without any points

*also available with K

UNIT PACK FOR ALL THE ABOVE ITEMS: 1

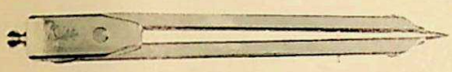
Plain dividers

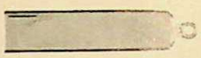
11113 5.9″, up to 6″ opening
11115 7.1 , up to 8″ opening



11127 5.9″, up to 6″ opening, with fine adjusting screw

Pocket divider
(Excellent for use as a medical interval caliper.)

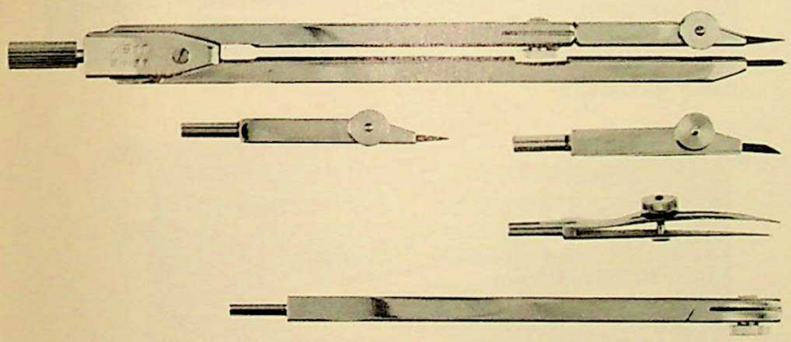




11121 with sheath
3.7″, up to 4″ opening

11121-0 sheath only

Compass half sets



11133* 4.7″, up to 5.1″ radius, with divider, pencil and pen points

11136	divider point
11137	pencil point
11138*	pen point
11165	lengthening bar, 2.9″, extra
11133-0	without any points

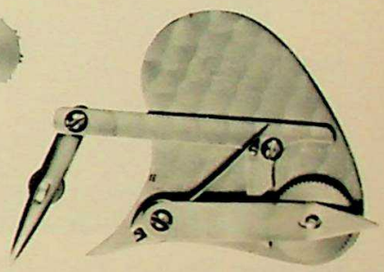
11147* 6.3″, up to 11″ radius, with divider, pencil, pen points and lengthening bar

11161	divider point
11162	pencil point
11164*	pen point
11166	lengthening bar, 3.9″
11147-0	without any points

11157* 7.5″, up to 14″ radius, with divider, pencil, pen points and lengthening bar

	Points as for 1147
11157-0	without any points

Special Instruments

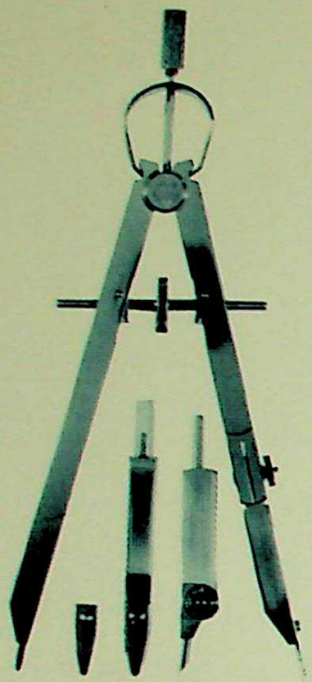


Dotting pen

23 different patterns of dotting are available

51 ·····
52 — — — — — — — — —
53 ·—·—·—·—·—·—·
54 - - - - - - - - - - - - - - - - - -
55 - - - - - - - - - - - - - - - - - -
56 - - - - - - - - - - - - - - - - - -
57 ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ··
58 ·· --- --- --- --- --- --- ---
59 ···· ···· ···· ···· ···· ····
60 ····· ····· ····· ····· ····· ·····
61 — — — — — — — — — — — — — — — — — —
62 — — — — — — — — — — — — — — — — — —
63 - — — — — — — — — — — — — — — — — -
64 —·—·—·—·—·—·—

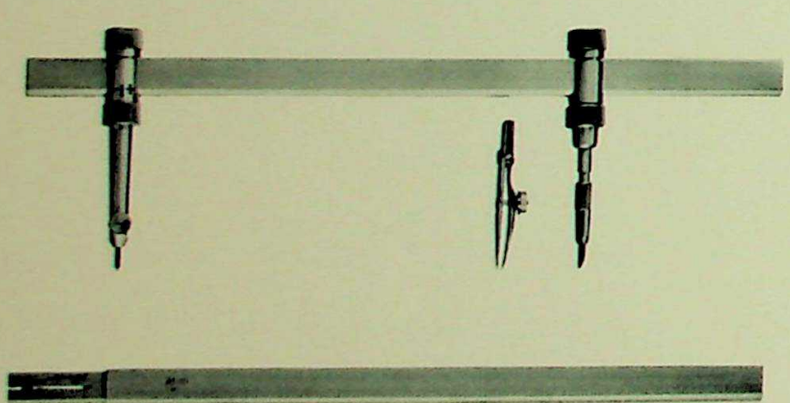
Cutter compass



11148 6.7″ up to 10.2″ radius, with pencil and cutter points

11162	pencil point
11163	cutter point
1163-0	cutter only

Metal beam compass



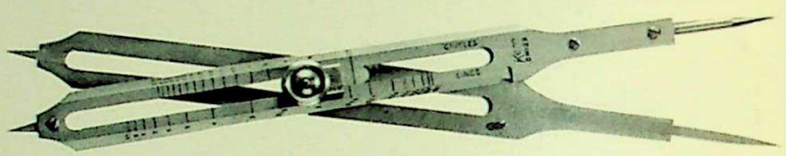
1100* with fine adjusting screw (range ± 0.1″)
with standard bar 9.1″
lengthening bar 7.9″
pivot point (1),
removable point (11),
pencil and pen points

1100-23	standard bar 9.1″
1162	pencil point
1164*	pen point
1100-1	pivot point (1)
1100-2	removable point (11)

lengthening bars with spigot end for metal beam compass 1100

1100-20	usable length 7.9″
1100-50	usable length 19.7″
1100-100	usable length 39.4″

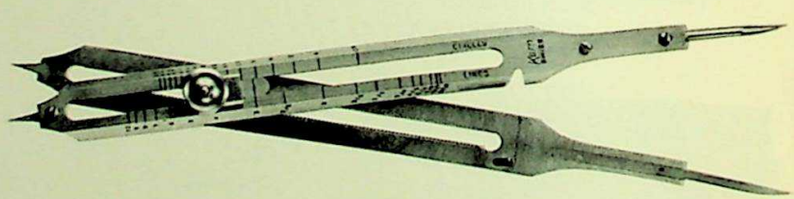
Proportional dividers with adjustable points



1092 7.9″
for lines: 1:10, 9, 8, 7, 6, 5, 4, 3, 2, 2:5, 3:5, 2:3, 3:4, 4:5, 5:6, 7:8, 9:10, 11:12, Golden Section

circles: 1:20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6

1093 7.9″—for lines and circles, with rack adjustment screw—same divisions as No. 1092.



1096 7.9″ with rack adjustment, milimetric division and vernier. This proportional divider permits a nearly unlimited application, since every proportion may easily be obtained by a simple formula. This formula and a table giving the usual proportions is supplied with each instrument.”

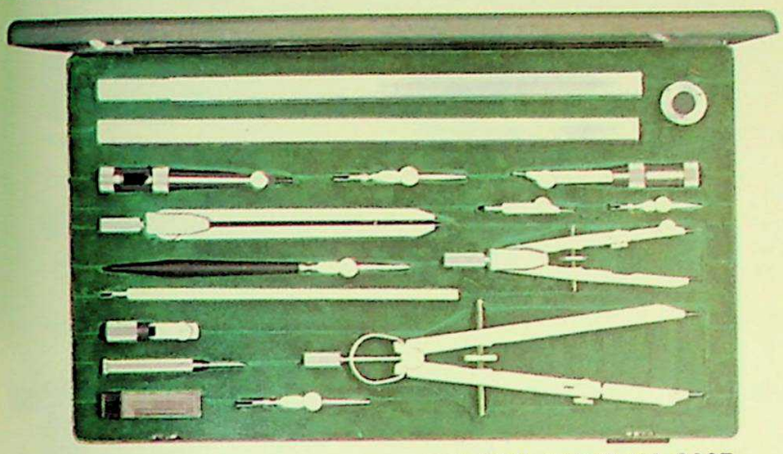
*also available with K

UNIT PACK FOR ALL THE ABOVE ITEMS: 1

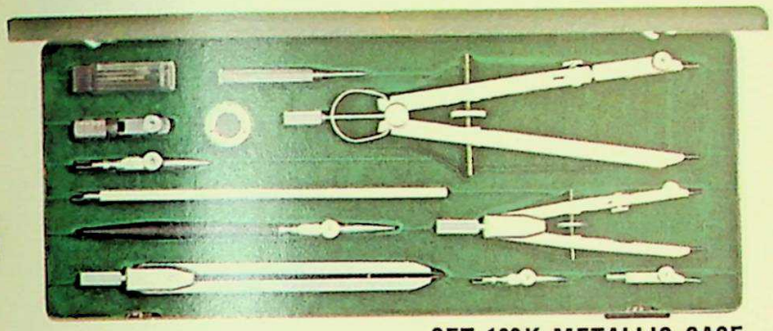
Kern SWISS

Drawing Sets Professional line

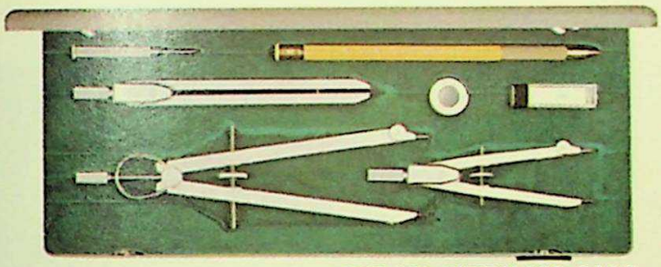
Finest metals, hard chromed, superb quality, the ultimate in durability.



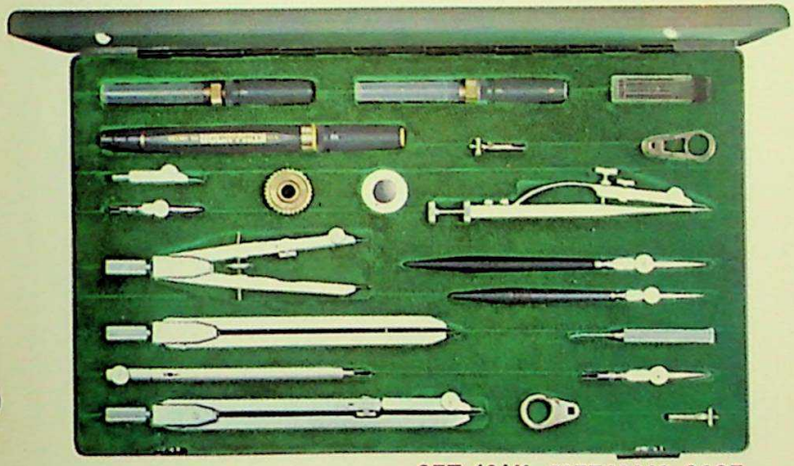
SET 101K METALLIC CASE



SET 102K METALLIC CASE



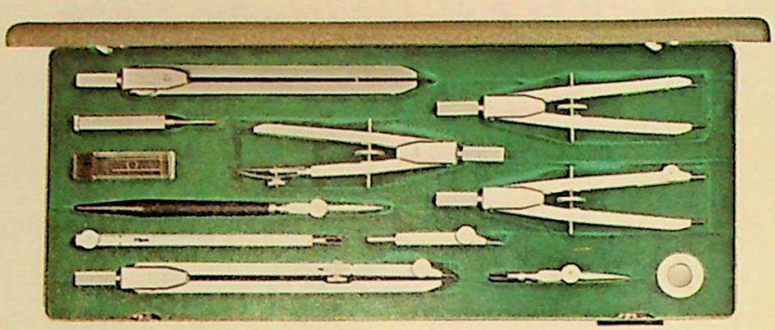
SET 103 METALLIC CASE



SET 104K METALLIC CASE

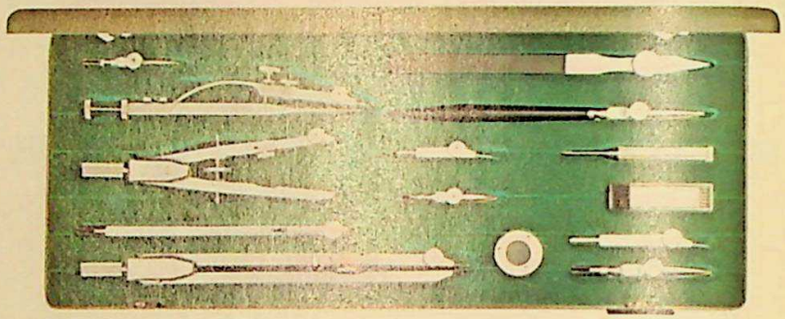
Item No.	Description
SET 101K	Beam Compass, metal with standard bar and
1100K	lengthening bar, pivot point, removable point, pencil and pen points.
11113	Plain Divider—5.9″, up to 6″ opening.
11087K	Spring Bow with divider, pencil and pen points.
1028	Ruling Pen with cross joint—5.1″.
11079K	Large Spring Bow with pencil, pen points and lengthening bar—6.7″, up to 10.2″ radius.
1176	Center—0.7″ with metal ring.
11177A	Plastic box containing 2 each leads and needles.
1178	Screwdriver.
SET 102K	Large Spring Bow with pencil, pen points and
11079K	lengthening bar—6.7″, up to 10.2″ radius.
11087K	Spring Bow with divider, pencil and pen points.
1028	Ruling Pen with cross joint—5.1″.
11113	Plain Divider—5.9″, up to 6″ opening.
1176	Center—0.7″ with metal ring.
11177A	Plastic Box containing 2 each leads and needles.
1178	Screwdriver.
SET 103	Large Spring Bow with pencil—6.7″, up to
11078	5.9″ radius.
11083	Spring Bow with pencil—4.3″, up to 1.6″ radius
11113	Plain Divider—5.9″, up to 6″ opening.
1176	Center—0.7″ with metal ring.
11177A	Plastic box containing 2 each leads and needles.
1178	Screwdriver.
5617	Selectomatic Lead Holder with Super Adapto Clutch and lead degree indicator.
SET 104K	Compass Half Set with pen and pencil and
11147	lengthening bar—6.3″, up to 11″ radius.
3063P/4	Compass attachment for use with 3065 Rapidograph, with 4 mm. shank.
11087K	Spring Bow with divider, pencil and pen points—4.3″, up to 1.6″ radius, with center screw adjustment.
11073	Rotating Compass with pencil—4.7″, from 0.01″ to 0.2″ radius.
3063/5	Compass attachment for use with 3065 Rapidograph Drawing Point Sections—3.5 mm shank.
11113	Plain Divider—5.9″, up to 6″ opening.
1027	Ruling Pen with cross joint—4.3″.
1028	Ruling Pen with cross joint—5.1″.
3065/0	Rapidograph Point Section No. 0.
3065/1	Rapidograph Point Section No. 1.
3065-S-1	Rapidograph Point Section No. 00 with holder.
58	Nib key.
1176	Center—0.7″ with metal ring.
11177B	Plastic box containing 2 each leads and needles.
1178	Screwdriver.

SET 105K
11082 Spring Bow with divider—4.3″, up to 1.6″ radius.
11083 Spring Bow with pencil—4.3″, up to 1.6″ radius.
11084K Spring Bow with cross joint pen.
11147K Compass Half Set with divider, pen, pencil points and lengthening bar—6.3″, up to 11″ radius.
1028 Ruling Pen with cross joint—5.1″.
11113 Plain Divider—5.9″, up to 6″ opening.
1176 Center—0.7″ with metal ring.
11177B Plastic box containing 2 each leads and needles.
1178 Screwdriver.



SET 105K METALLIC CASE

SET 106K
1028 Ruling Pen with cross joint—5.1″.
1041K Border Pen with cross joint—5.1″.
11073K Rotating Compass with pencil and pen points—4.7″, from 0.01″ to 0.2″ radius.
11087K Spring Bow with divider, pencil and pen points—4.3″, up to 1.6″ radius.
11147K Compass Half Set with divider, pencil and pen points and lengthening bar—6.3″, up to 11″ radius.
1176 Center—0.7″ with metal ring.
11177B Plastic box containing 2 each leads and needles.
1178 Screwdriver.



SET 106K METALLIC CASE

SET 107K
1100 Beam Compass, metal, with pivot point, removable point and pencil point, standard bar 9.1″ and lengthening bar 7.9″.
1069 Dotting Pen with 3 dotting patterns—1069-51, -52, -53.
11082 Spring Bow with divider—4.3″, up to 1.6″ radius.
11083 Spring Bow with pencil—4.3″, up to 1.6″ radius.
1084K Spring Bow with cross joint pen.
11127 Plain Divider—5.9″, up to 6″ opening.
11073K Rotating Compass with pencil and pen points—4.7″, from 0.01″ to 0.2″ radius.
11133K Compass Half Set with pencil and pen points—4.7″, up to 5.1″ radius.
11157K Compass Half Set with lengthening bar, pencil and pen points—7.5″, up to 14″ radius.
1043K Border Pen with cross joint—5.9″.
1051 Ruling Pen for curves—4.7″.
1061 Pricker.
1027 Ruling Pen with cross joint—4.3″.
1028 Ruling Pen with cross joint—5.1″.
1171 Detachable Handle for use with small pen points.
1172 Detachable Handle for use with large pen points.
1176 Center—0.7″ with metal ring
11177B Plastic box containing 2 each leads and needles.
1178 Screwdriver.
UNIT PACK FOR ALL THE ABOVE ITEMS: 1

SET 107K LEATHER CASE

Compasses: copper alloy, nickel and chromium plated Ruling pens: tempered steel, chromed

T-Series

The T-Series compasses have a NEW self-centering head. It consists of a Delrin twin rack which moves in 2 precision machined slots in the head bow and between 2 chrome-plated toothed segments. This achieves precise centering with smooth, vibration-free movement over the entire opening. Stiff or easy motion of the compass legs can be secured by means of 2 adjustment screws located under the plastic cap. The cap can be slid sideways, to expose the screws, by first unscrewing the milled handle.

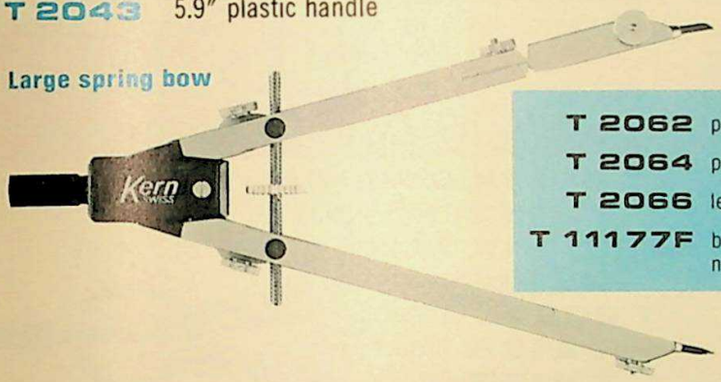
Ruling pens

Item No. Description

T 2028K* 5.1″ plastic handle, with cross joint

T 2043 5.9″ plastic handle

Large spring bow



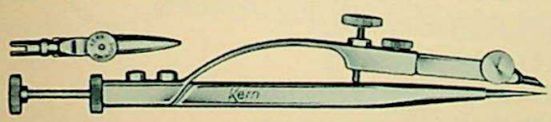
T 2062	pencil point
T 2064	pen point
T 2066	lengthening bar
T 11177F	box with 2 each needles and leads

T 2069 6.7″, up to 4.7″ radius, up to 10.5″ radius with lengthening bar with pencil point T2062, pen point T2064, lengthening bar T2066, box with 2 each needles and leads 11177F

T 2069-2 with pencil point, lengthening bar, needles and leads

T 2069-1 with pencil point, needles and leads

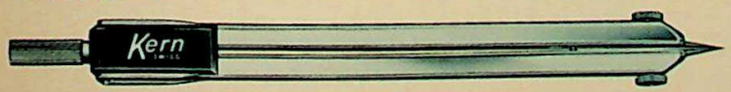
Rotating compass



T 2073K* 4.7″, from 0.01″ to 0.2″ radius, with pencil and pen points

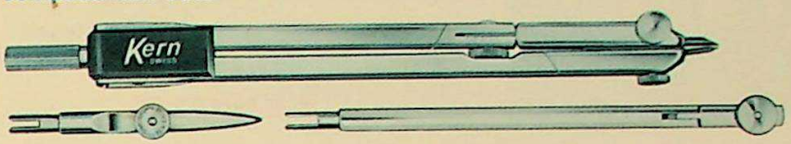
T 2137	pencil point
T2134K*	pen point
T 2073-0	without any points

Plain divider



T 2113 6.3″, up to 6.5″ opening

Compass half sets

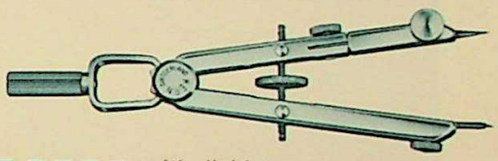


T 2147K* 6.3″, up to 11″ radius, with pencil, pen points and lengthening bar

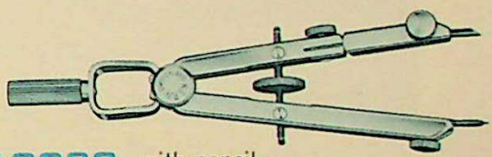
T 2162	pencil point
T 2164K*	pen point
T 2166	lengthening bar, 3.9″
T 2147-0	without any points

Steel spring bows

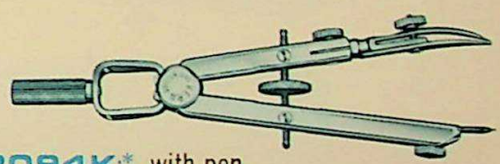
4.4″, up to 1.6″ radius, with center screw adjustment



T 2092 with divider

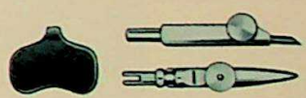


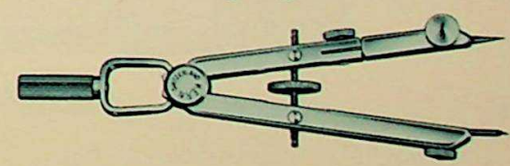
T 2093 with pencil



T 2094K* with pen

Compass half sets





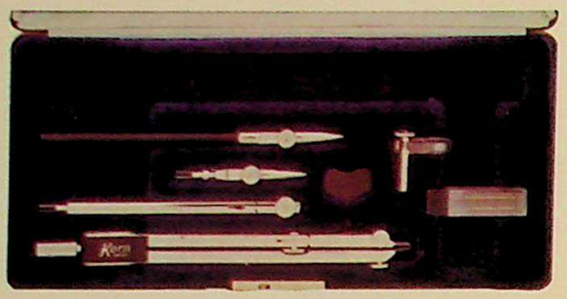
T 2097K* 4.4″, up to 1.6″ radius, with center screw adjustment, with divider pencil and pen points

T 2136	divider point
T 2137	pencil point
T 2138K*	pen point
T 2179	adjustment key
T 2097-0	without any points

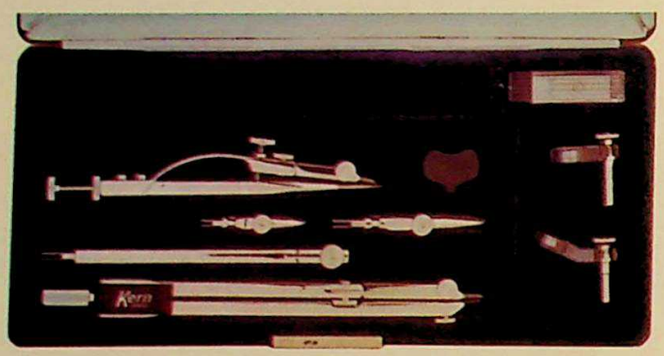
* with cross joint

Drawing Sets T-Series

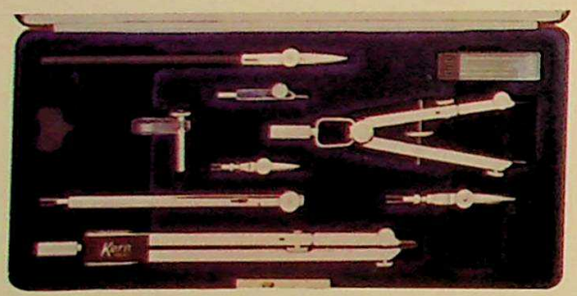
Individual instruments and sets of instruments for architects, engineers, professional draftsmen, designers and craftsmen.



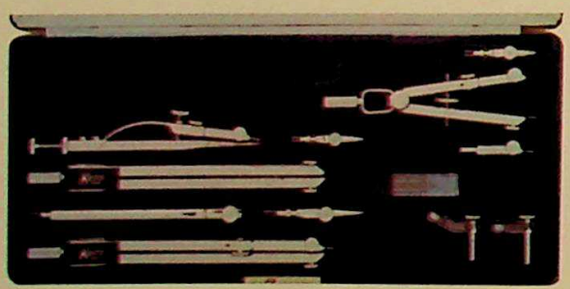
SET T-211 METALLIC CASE



SET T-212 METALLIC CASE



SET T-213 METALLIC CASE



SET T-214 METALLIC CASE

SET T-211

T 2028K	Drawing Pen.
T 2147K	Compass half set.
T 2162	Pencil point.
T 2164K	Pen point.
T 2166	Lengthening bar.
T 2179	Key.
11.177C	Plastic box containing 2 each leads and needles.
3063P4	Compass attachment 4.0mm diameter. Recess for leadholder.

SET T-212

T 2147K	Compass half set.
T 2162	Pencil point.
T 2164K	Pen point.
T 2166	Lengthening bar.
T 2073	Rotating compass.
T 2137	Pencil point.
T 2134K	Pen point.
T 2179	Key.
11.177C	Plastic box containing 2 each leads and needles.
3063P4	Compass attachment 4.0mm diameter.
3063/5	Rotating compass attachment 3.5mm diameter. Recess for leadholder.

SET T-213

T 2028K	Drawing Pen.
T 2147K	Compass half set.
T 2162	Pencil point.
T 2164K	Pen point.
T 2166	Lengthening bar.
T 2097K	Small spring bow.
T 2136	Divider point.
T 2137	Pencil point.
T 2138K	Pen point.
T 2179	Key.
11.177C	Plastic box containing 2 each leads and needles.
3063P4	Compass attachment 4.0 mm diameter.

SET T-214

T 2113	Plain divider.
T 2147K	Compass half set.
T 2162	Pencil point.
T 2164K	Pen point.
T 2166	Lengthening bar.
T 2073K	Rotating compass.
T 2137	Pencil point.
T 2134K	Pen point.
T 2097K	Small spring bow.
T 2136	Divider point.
T 2137	Pencil point.
T 2138K	Pen point.
T 2179	Key.
11.177C	Plastic box containing 2 each leads and needles.
3063P4	Compass attachment 4.0mm diameter.
3063/5	Rotating compass attachment 3.5mm diameter. Recess for leadholder.

UNIT PACK FOR ALL THE ABOVE ITEMS: 1

Kern SWISS College Line

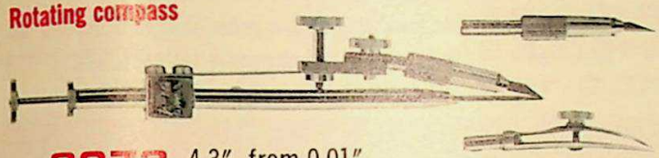
Individual Instruments

Compasses: brass, chromed, self-centering head
Ruling pens: tempered steel, chromed

Ruling pen

Item No.	Description
3003	5.1″, metal handle

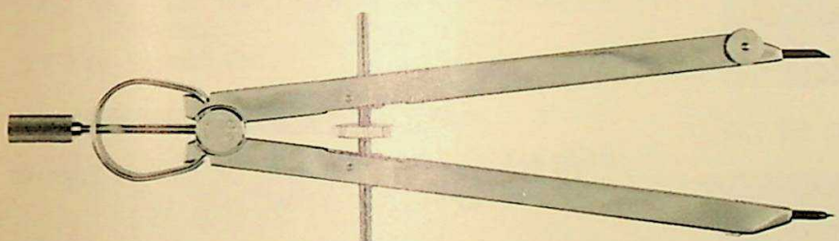
Rotating compass



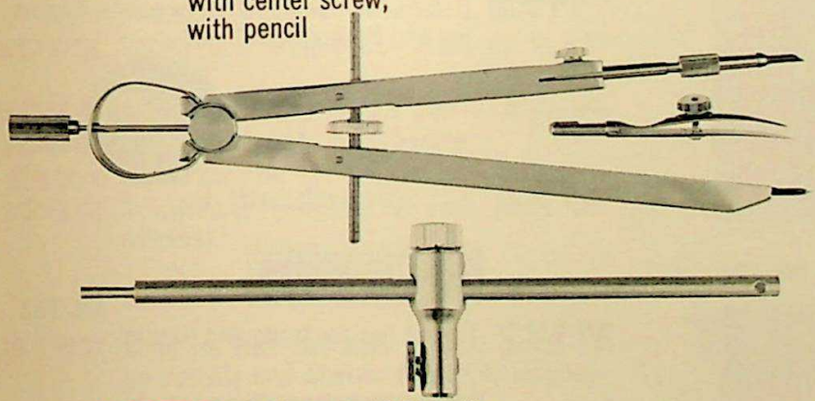
3073 4.3″, from 0.01″ to 0.2″ radius, with pencil and pen points

3134	pen point
3135	pencil point
3073-0	without any points

Large spring bows



3078 6.7″, up to 5.9″ radius, with center screw, with pencil

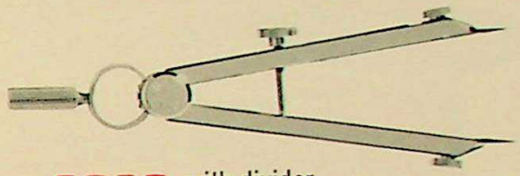


3079 6.7″, up to 10.2″ radius, with center screw with pencil pen points and lengthening bar

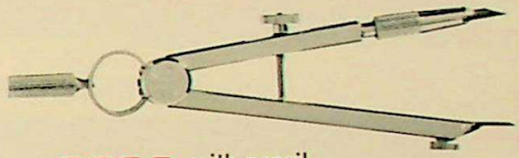
3079-0	without any points
3151	divider point
3152	pencil point
3154	pen point
3266	lengthening bar with holder for points

Steel spring bows

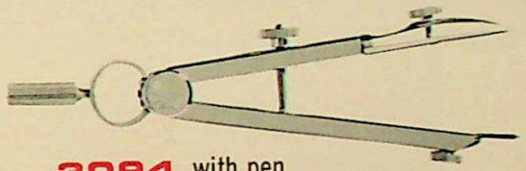
3.9″, up to 1.5″ radius, with side screw adjustment



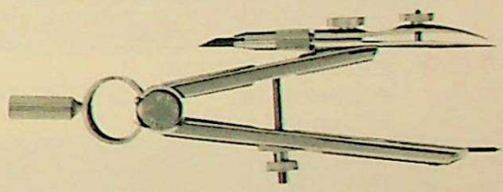
3092 with divider



3093 with pencil

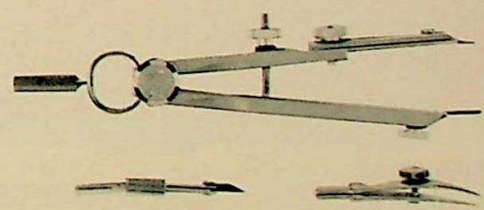


3094 with pen



3096 with pencil and pen points

3096-0	pencil and pen points only



3097 with divider-, pencil- and pen points

3134	pen point
3135	pencil point
3136	divider point
3097-0	without any points

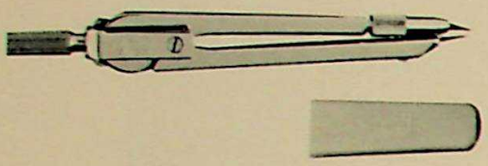
Plain divider

3113 4.9″, up to 5″ opening

Pencil compasses

3124 4.9″, up to 6″ radius

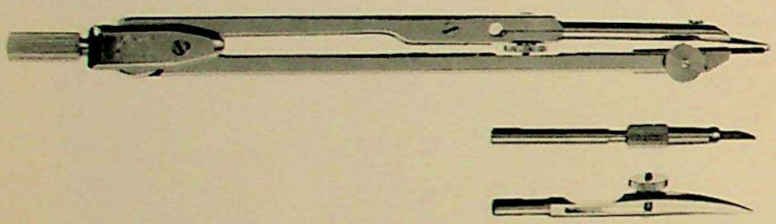
Pocket pencil compass



3119 3.7″, up to 4″ radius

3119-0 sheath extra

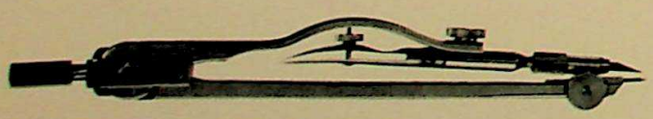
Compass half set



3157 with built-in telescopic lengthening bar 5.7″, up to 8.6″ radius with divider, pencil and pen points

3151 divider point
3152 pencil point
3154 pen point
3157-0 without any points

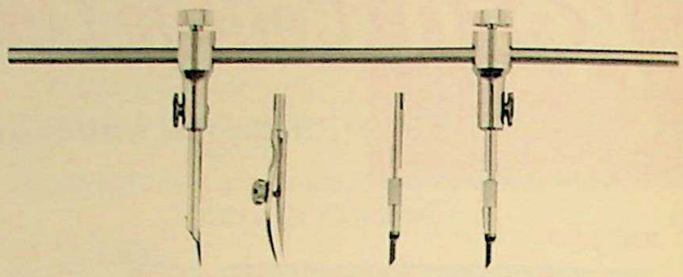
Combination compasses



3128 4.9″, up to 6.5″ radius, with pencil and pen points in plastic case E1

3128-0 pencil and pen points only

Special Instruments



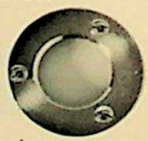
3100 Metal Beam Compass with standard bar 7.9″, 2 holders, 1 divider, 1 pencil point, 1 pen.
3101 holder
3100-20 lengthening bar, usable length 7.9″
3100-50 lengthening bar, usable length 19.7″
3100-100 lengthening bar, usable length 39.4″

3151 divider point
3152 pencil point
3154 pen point

3171 Detachable handle for College Line.

1171 Detachable handle for small points, Engineering and Professional Lines.

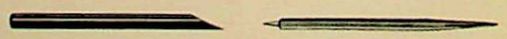
1172 Detachable handle for large points, Engineering and Professional Lines.



1176 0.7″ center with metal ring.

11177 Plastic box for leads and needles.

1178 Screwdriver, 2.4″, hollow handle for needles and leads.



1180-3 Plastic box containing 8 replacement leads.
1181-8 Plastic box containing 10 assorted needles.

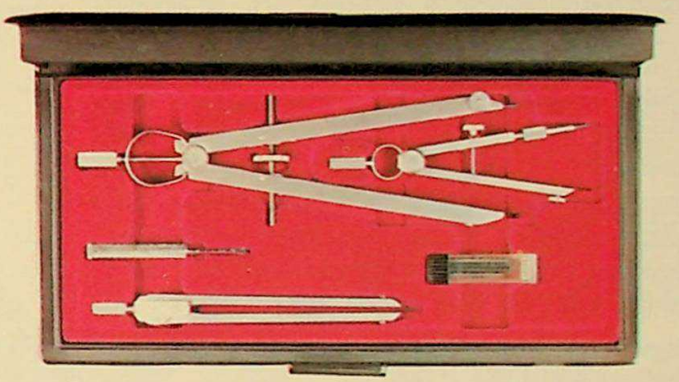
UNIT PACK FOR ALL THE ABOVE ITEMS: 1

Kern SWISS Drawing Sets College line

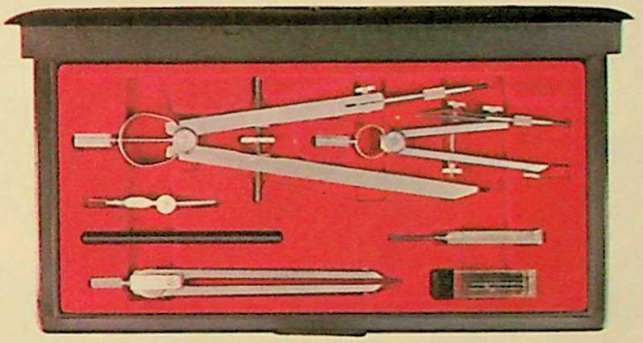
Individual instruments and sets of instruments for students.

Item No.	Description
SET 301	
3078	Large Spring Bow with pencil—6.7″, up to 5.9″ radius.
3093	Spring Bow with pencil—3.9″, up to 1.5″ radius with side screw adjustment.
3113	Plain Divider—4.9″, up to 5″ opening.
11177A	Plastic box containing 2 each leads and needles.
1178	Screwdriver.
SET 302	
3079	Large Spring Bow with pencil and pen points 6.7″, up to 10.2″ radius, with center screw.
3096	Spring Bow with pencil and pen points—3.9″, up to 1.5″ radius.
3113	Plain Divider—4.9″, up to 5″ opening.
3171	Holder for pen.
11177A	Plastic box containing 2 each leads and needles.
1178	Screwdriver.
SET 303	
3157	Compass Half Set with pencil and pen points and built-in telescopic lengthening bar—5.7″, up to 8.6″ radius.
3113	Plain Divider—4.9″, up to 5″ opening.
3092	Spring Bow with divider—3.9″, up to 1.5″ radius.
3093	Spring Bow with pencil—3.9″, up to 1.5″ radius.
3094	Spring Bow with pen—3.9″, up to 1.5″ radius.
3003	Ruling Pen—5.1″, metal handle.
3171	Holder for pen.
1178B	Screwdriver (includes 2 each leads and needles).
SET 304	
3157	Compass Half Set with divider, pencil and pen points and built-in telescopic lengthening bar—5.7″, up to 8.6″ radius.
3073	Rotating Compass with pencil and pen points—4.3″, from 0.01″ to 0.2″ radius.
3096	Spring Bow with pencil and pen points—3.9″, up to 1.5″ radius.
3003	Ruling pen, 5.1″, metal handle.
5611	KOH-I-NOOR lead holder.
1178B	Screwdriver (including 2 each leads and needles).

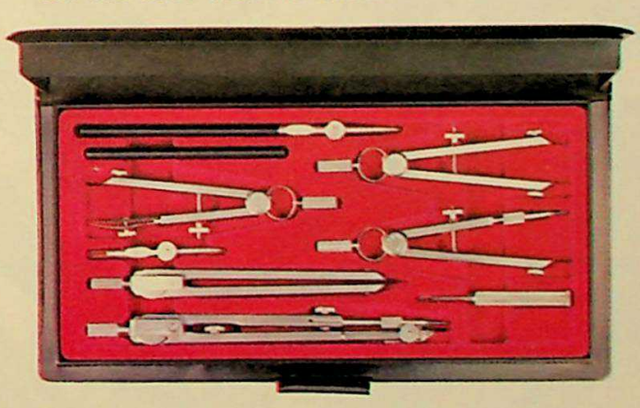
UNIT PACK FOR ALL THE ABOVE ITEMS: 1



SET 301 SOFT PLASTIC CASE



SET 302 SOFT PLASTIC CASE



SET 303 SOFT PLASTIC CASE

SET 304 SOFT PLASTIC CASE

MONTBLANC *the JEWEL of FOUNTAIN PENS...*

Long known as Europe's leading fountain pen, the MONTBLANC has superb craftsmanship, remarkably smooth writing action and perfect balance. Proclaimed by pen experts here and abroad to be the finest pen ever designed. As a treasured personal possession or a truly distinctive gift, MONTBLANC has an unmistakable air of elegance.

Aeromatic Ink Control makes the MONTBLANC safe from leakage even in flight. Nibs are available from extra fine to broad to suit every preference. Precision designed filling systems provide generous ink capacity.

All Montblanc fountain pens are available in nib sizes: EF, F, M and B except model Nos. 149 and 146 which are available in sizes: EF, F, M, B, OB and OBB and model No. 522P which is available in sizes: EF, F and M.

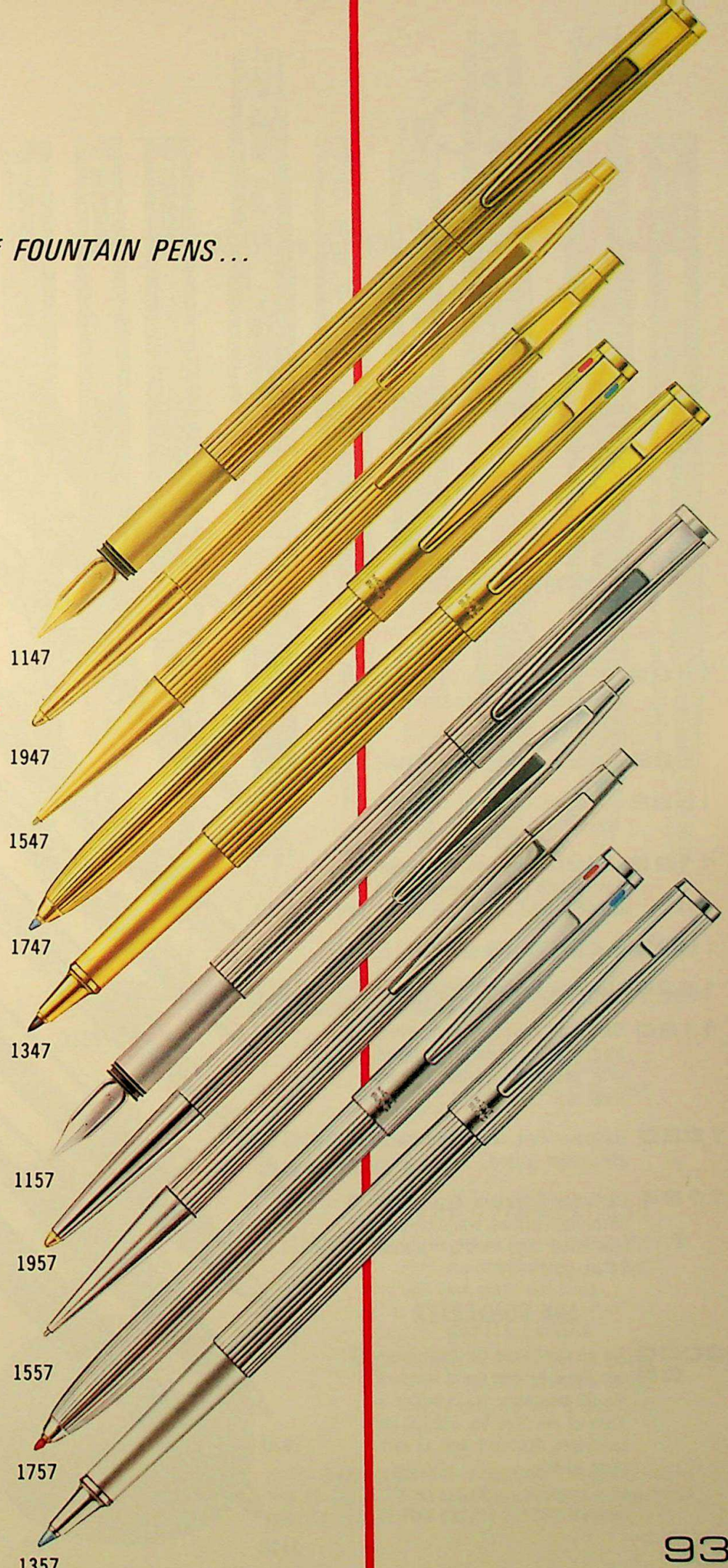
"MASTERPIECE" SERIES

Item No.	Description	Unit Pack
149	"Diplomat" Fountain Pen with 14 kt. gold point and etched facing.	1
146	"Classic" Fountain Pen with 14 kt. gold point.	1
221P	Cartridge Fountain Pen with 14 kt. gold point and 1/20 14 kt. rolled gold plate trim.	1
281	Ballpoint Pen with 1/20 14 kt. rolled gold plate trim.	1
251	Mechanical Pencil with 1/20 14 kt. rolled gold plate trim.	1
320P	Cartridge Fountain Pen with 14 kt. gold point and 1/20 14 kt. rolled gold plate trim.	1
380	Ballpoint Pen with 1/20 14 kt. rolled gold plate trim.	1
350	Mechanical Pencil with 1/20 14 kt. rolled gold plate trim.	1
150/2	Zipper Leather Case, black for 2 piece set.	1
150/3	Zipper Leather Case, black for 3 piece set.	1

MONT BLANC *the JEWEL of FOUNTAIN PENS...*

"NOBLESSE" SERIES

Item No.	Description	Unit Pack
1147	Cartridge Fountain Pen, 14 kt. heavy gold electroplated with piston converter, 14 kt. gold nib.	1
1947	Ballpoint Pen, 14 kt. gold electroplated.	1
1547	Mechanical Pencil, 14 kt. heavy gold electroplated.	1
1747	Four-Color Ballpoint Pen, 14 kt. heavy gold electroplated, (refills #5628R black, blue, red, green).	1
1347	Quick Pen, 14 kt. heavy gold electroplated, (refill #3342 Micro).	1
1157	Cartridge Fountain Pen, rhodium plated with piston converter, 14 kt. gold nib.	1
1957	Ballpoint Pen, rhodium plated.	1
1557	Mechanical Pencil, rhodium plated.	1
1757	Four-Color Ballpoint Pen, rhodium plated, (refills #5628R black, blue, red, green).	1
1357	Quick Pen, rhodium plated, (refill #3342 Micro).	1



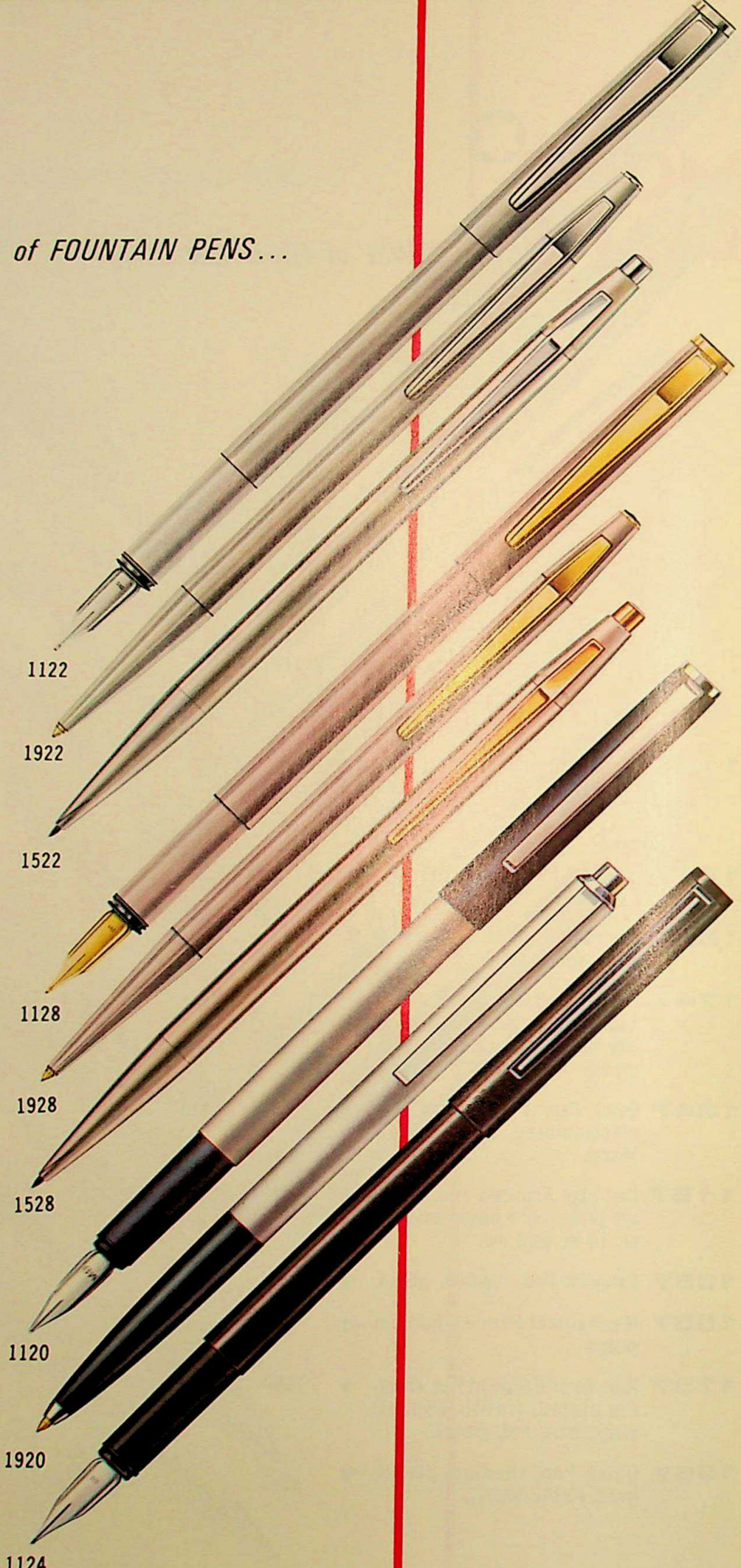
MONT BLANC *the JEWEL of FOUNTAIN PENS...*

"NOBLESSE" SERIES

Item No.	Description	Unit Pack
1122	Cartridge Fountain Pen, stainless steel with piston converter, steel nib.	1
1922	Ballpoint Pen, stainless steel.	1
1522	Mechanical Pencil, stainless steel.	1
1128	Cartridge Fountain Pen, rose-lustre with piston converter, 14 kt. gold nib.	1
1928	Ballpoint Pen, rose-lustre.	1
1528	Mechanical Pencil, rose-lustre.	1
1120	Cartridge Fountain Pen, white and black chromium plated with piston converter, refined steel nib.	1
1920	Ballpoint Pen, white and black chromium plated.	1
1124	Cartridge Fountain Pen, black chromium plated, white chromium lined clip, rhodium plated 14 kt. gold nib.	1

INK CONVERTER

33000 CN	For all Montblanc Cartridge Fountain Pens. Permits use of standard No. 03 Montblanc Ink in bottles in place of pre-filled No. 33003C ink cartridges. Standard with all cartridge models.	1



MONTBLANC

the JEWEL of FOUNTAIN PENS

"BALLPIX" SERIES

Item No.	Description	Unit Pack
7825	Chromium-plated, mat finish, with chromium-plated trim.	1
784	Mat finish, with 18 kt. twice heavy gold electroplated fittings and front part.	1
782	Mat finish with chromium-plated fittings and front part.	1

"CARRERA" SERIES

522P	Carrera Cartridge Fountain Pen with metal cap, mat-black chromium-plated, refined steel nib.	1
590	Carrera Ballpoint Pen, chromium-plated fittings.	1
550	Carrera Mechanical Pencil, chromium-plated fittings.	1
530	Carrera Marker, chromium-plated fittings, (refills #3343 Med.).	1
05	Carrera Pen Stand.	1

ECONOMY SERIES

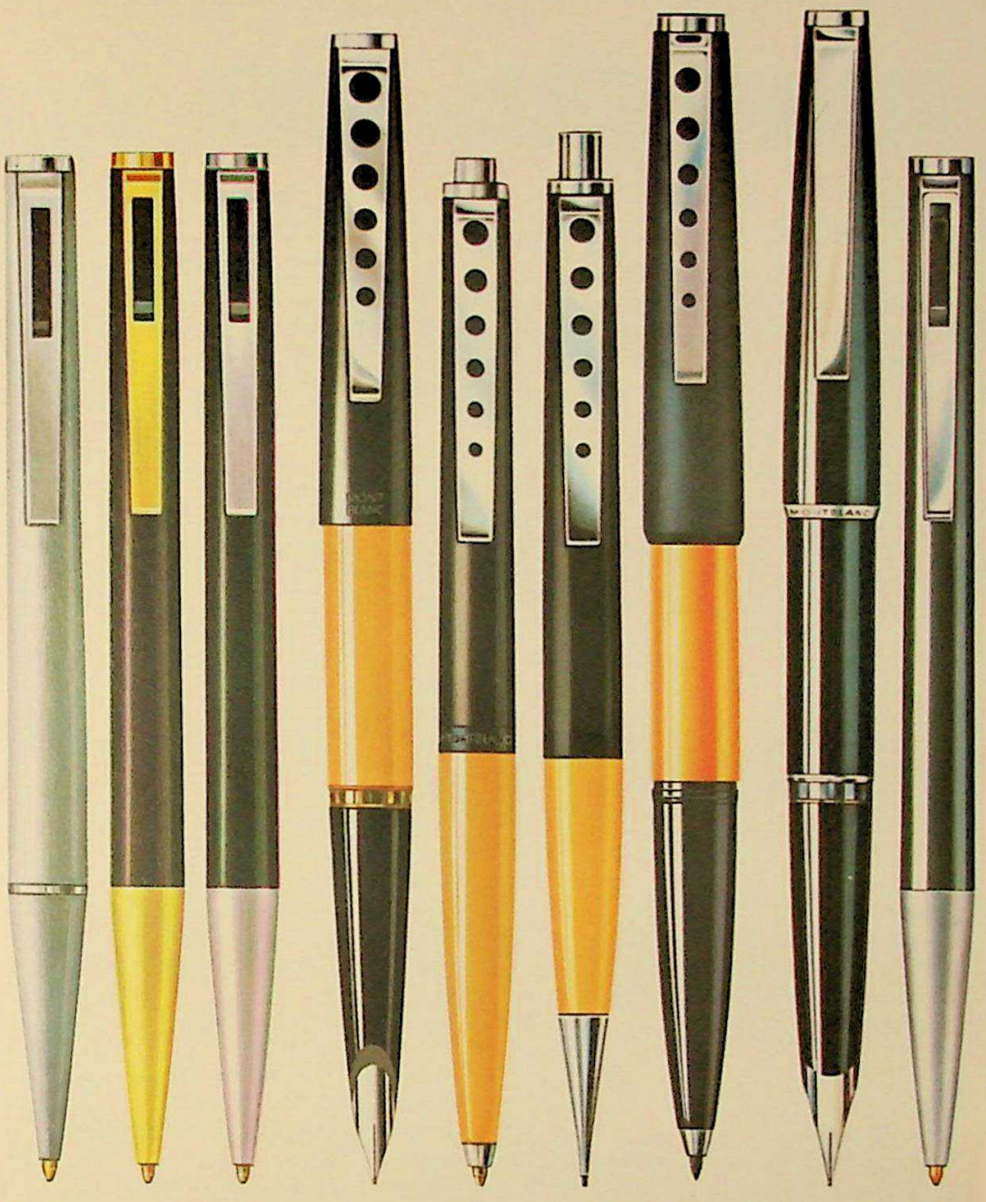
310S	Cartridge Fountain Pen, with piston converter, refined steel nib.	1
780	Ballpoint Pen, chromium plated fittings. Ballpix styling.	1

MONTBLANC INK

03	Formulated for use in all Montblanc Fountain Pens (Blue/Black, Royal Blue, Red, Brown, Violet, Green Turquoise and Black). Packaged in 2 fl. oz. (59 ml.) unbreakable plastic bottles.	1
33003C	Montblanc Ink Cartridges (Blue/Black, Black, Royal Blue, Red and Green). Six per pack.	1

QUICK PEN REFILLS

3341	Montblanc Roller Refill (Red, Blue and Green).	1
3342	Montblanc Micro Refill (Red, Blue, Green and Black).	1
3343	Montblanc Medium Refill (Red, Blue, Green and Black).	1



7825 784 782 522P 590 550 530 310S 780

SUPER GIANT BALLPOINT REFILLS

3339SG

Item No.	Description	Unit Pack
	Available in Fine, Medium and Broad. For all current single color models.	
3339SG	Royal blue.	1
3340SG	Black.	1

FOUR COLOR REFILLS

5628R	For Montblanc Four Color Ballpoint Pens. Available in colors: light red, light blue, green and black.	1

REFILL LEADS

45	Montblanc Replacement Leads (1¾" x .0355"). Available in HB degree only. Packed 8 sticks per tube.	1

03

05

NOTE—Ballpoint Refills for discontinued Montblanc model Nos. 18, 28, 38, 78, 88 and 98 are available in blue/black only; No. 3011GR **Fine** and No. 3012GR **Medium.**

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3071	Koh-I-Noor Acetate Ink	22	24
3072	Koh-I-Noor Rapid-O-Ink	22	24
3073 / 3073-0	Rotating Compass—Kern	89	54
3073	Koh-I-Noor Transparent Acetate Ink	22	24
3074	Koh-I-Noor Rapidomat Ink	22	24
3076A72	Accessory DCS Module	3	16
3076A80	Accessory DCS Module	3	16
3076CS1	Koh-I-Noor Rapidograph SL Drawing Point Section Set	3	13
3076CVR9	Clear Cover for 3076DCS9 Set	—	16
3076CVR4	Clear Cover for 3076DCS4 Set	—	16
3076DCS1	Koh-I-Noor Rapidograph SL Pen in DCS Module	3	13
3076DCS9	Koh-I-Noor Rapidograph SL DCS Set	3	13
3076DCS4	Koh-I-Noor Rapidograph SL DCS Set	3	13
3076DCSMT9	Koh-I-Noor Rapidograph SL DCS9 Set Empty	3	13
3076DCSMT4	Koh-I-Noor Rapidograph SL DCS4 Set Empty	3	13
3076DCSMT1	Koh-I-Noor Rapidograph SL DCS1 Module Empty	3	13
3076H	Koh-I-Noor Rapidograph SL Pen Holder	3	13
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3076JCS1	Koh-I-Noor Rapidograph SL Pen with Jewel Tip	3	14
3076JDCS1	Koh-I-Noor Rapidograph SL Pen in DCS Module with Jewel Tip	3	14
3076JDCS9	Koh-I-Noor Rapidograph SL DCS Set with Jewel Tips	3	14
3076JDCS4	Koh-I-Noor Rapidograph SL DCS Set with Jewel Tips	3	14
3076JSP9 / 3076JSP3	Koh-I-Noor Rapidograph SL Slim Pack Set with Jewel Tips	4	14
3076TCS1	Koh-I-Noor Rapidograph SL Pen with Tungsten Carbide Tip	3	15
3076TDCS1	Koh-I-Noor Rapidograph SL Pen in DCS Module with Tungsten Carbide Tip	3	15
3076TDCS9	Koh-I-Noor Rapidograph SL DCS Set with Tungsten Carbide Tips	3	15
3076TDCS4	Koh-I-noor Rapidograph SL DCS Set Tungsten Carbide Tips	3	15
3076TSP-9 / 3076TSP-3	Koh-I-Noor Rapidograph SL Slim Pack Sets with Tungsten Carbide Tips	4	15
3078 / 3079-0	Large Spring Bow—Kern	89	54
3080	Koh-I-Noor Drawing Ink	20, 21	24
3080-FE	Plastic Ink Filler Bottle	20	24
3080GLB	Empty Plastic Bottle for No. 3080-GLS	—	24
3080GLE	Empty Plastic Bottle with Dropper Stopper for No. 3080GLD	20	24
3080GLS	Dropper Stopper for No. 3080-GLB	—	24
3080PE	Empty Plastic Bottle	20	24
3084	Koh-I-Noor Rapidraw Ink	22	24
3092 / 3097-0	Spring Bows—Kern	89	54
3095A72	Accessory DCS Module	6	12
3095A80	Accessory DCS Module	6	12
3095CS1	Koh-I-Noor Rapidometric Drawing Point Section Set	6	9
3095CVR9	Clear Cover for 3095DCS9 Set	—	12
3095CVR4	Clear Cover for 3095DCS4 Set	—	12
3095DCS1	Koh-I-Noor Rapidometric Pen in DCS Module	6	9
3095DCS9	Koh-I-Noor Rapidometric DCS Set	6	9
3095DCS4	Koh-I-Noor Rapidometric DCS Set	6	9
3095H	Koh-I-Noor Rapidometric Pen Holder	6	9
3095DCSMT9	Koh-I-Noor Rapidometric DCS9 Set Empty	6	9
3095DCSMT4	Koh-I-Noor Rapidometric DCS4 Set Empty	6	9
3095DCSMT1	Koh-I-Noor Rapidometric DCS1 Module Empty	6	9
3095SP-9 / 3095SP-3	Koh-I-Noor Rapidometric Slim Pack Sets	7	9
3095SP/MTY	Slim Pack Set Empty	—	12
3095JCS1	Koh-I-Noor Rapidometric Pen with Jewel Tip	6	10
3095JDCS1	Koh-I-Noor Rapidometric Pen in DCS Module with Jewel Tip	6	10
3095JDCS9	Koh-I-Noor Rapidometric DCS Set with Jewel Tips	6	10
3095JDCS4	Koh-I-Noor Rapidometric DCS Set with Jewel Tips	6	10
3095JSP-9 / 3095JSP-3	Koh-I-noor Rapidometric Slim Pack Sets with Jewel Tips	7	10
3095TCS1	Koh-I-Noor Rapidometric Pen with Tungsten Carbide Tip	6	11
3095TDCS1	Koh-I-Noor Rapidometric Pen in DCS Module with Tungsten Carbide Tip	6	11
3095TDCS9	Koh-I-Noor Rapidometric DCS Set with Tungsten Carbide Tips	6	11
3095TDCS4	Koh-I-Noor Rapidometric DCS Set with Tungsten Carbide Tips	6	11
3095TSP-9 / 3095TSP-3	Koh-I-Noor Rapidometric Slim Pack Set with Tungsten Carbide Tips	7	11
3100	12" Koh-Liner	41	20
3100M	8½" Koh-Liner	41	20
3100	Metal Beam Compass—Kern	90	55
3100-20/100	Lengthening Bars—Kern	90	55
3101	19" Koh-Liner	41	20
3101	Holder—Kern	90	55

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3119-0	Sheath—Kern	90	54
3124	Pencil Compass—Kern	90	54
3128	Combination Compass—Kern	90	54
3128-0	Pencil & Pen Points—Kern	90	54
3134	Pen Point—Kern	89	54
3135	Pencil Point—Kern	89	54
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3152	Pencil Point—Kern	89	54
3154	Pen Point—Kern	89	54
3157, 3157-0	Compass Half Sets—Kern	90	55
3171	Detachable Handle—Kern	90	55
3175	Koh-I-Noor Rapidograph Compass	19	8
3175B	Koh-I-Noor Rapidograph Compass Beam Attachment	19	8
3175LA	Koh-I-Noor Rapidograph Compass Lead Attachment	19	8
3176, 3176PB	Koh-I-Noor Rapidograph Compass & Accessories	19	8
3177	Koh-I-Noor Rapidograph Drop Compass	19	8
3177LA	Koh-I-Noor Rapidograph Compass Lead Attachment	19	8
3179	Koh-I-Noor Rapidograph Engineering Compass	19	8
3186	Projecto-Color Marker	62	39
3186S	Projecto-Color Marker Set	62	39
3220, 3230	Koh-I-Noor Precision Templates	—	18
3260, 3294	Koh-I-Noor Scales	36, 37	20
3266	Lengthening Bar with Holder—Kern	89	55
3339SG, 3340SG	Montblanc Ballpoint Refill	95	43
3341, 3343	Montblanc Roller Refill	—	43
3465	Mephisto Ballpoint Pens	109	41
3550	Sketching Pencil Assortment	57	35, 40
3551	Sketching Pencil Assortment	57	35, 40
3553	Penholder Assortment	61	35, 40
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3750RT	Koh-I-Noor Roto Tray Empty	—	35
4600	Koh-I-Noor Polycolor Sticks	—	35
4700	Koh-I-Soft R. P. Pencil	54, 57	35
4800	Koh-I-Soft R. P. Sticks	—	35
4812, 4824	Koh-I-Soft R. P. Stick Sets	—	35
4850	Koh-I-Soft R. P. Chalk Sticks	—	35
5600	Projecto-Color Lead Holder	62	35
5601	Projecto-Color Leads	62	35
5605	Koh-I-Noor Mark All Holders	51	35
5606	Koh-I-Noor Mark All Leads	51	35
5611	Koh-I-Noor Lead Holder	42	26
5611A	Koh-I-Noor Adapto Repl. Clutch	43	26
5611BK	Koh-I-Noor Drafting Assortment	43	26
5611C	Koh-I-Noor Lead Holder with Clip	42	26
5611PK	Professional Drafting Kit	43	26
5612	Koh-I-Noor Lead Holder	42	26
5612C	Koh-I-Noor Lead Holder with Clip	—	26
5613	Koh-I-Noor Professional Holder	42	26
5613A	Koh-I-Noor Adapto Repl. Clutch	43	26
5613BK	Koh-I-Noor Drafting Assortment	43	26
5613PK	Professional Drafting Kit	43	26
5616	Koh-I-Noor Adapto Clutch Holder	42	26
5616A	Koh-I-Noor Adapto Repl. Clutch	43	26
5616C	Koh-I-Noor Adapto Clutch Holder	42	26
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5616DI	Koh-I-Noor Adapto Holder	—	26
5617	Koh-I-Noor Select-O-Matic Holder	42	26
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5618	Koh-I-Noor Automatic Feed Lead Holder	42	26
5619	Very-Fine Mechanical Pencil	43	26
5620, 5622	Very-Fine Mechanical Pencil Refills	43	26
5623	Very-Fine Deluxe Mechanical Pencil (.5 mm)	43	26
5623ER	Erasers with Needle for No. 5623	43	26
5624	Ultra-Fine Deluxe Mechanical Pencil (.3 mm)	43	26
5624ER	Erasers with Needle for No. 5624	43	26
5625	Ultra-Fine Mechanical Pencil Refills	43	26
5628	Koh-I-Noor 4-Color Ballpoint Pen	48	29
5628R	Refills for No. 5628 Ballpoint	49, 95	30
5628RB	Refills for No. 5628 Ballpoint	—	30
5649	Universal Push Type Holder	59	35
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7306, 7307	Mephisto Water Color Assortment	52	32
7308	Mephisto Water Color Assortment	52	32
7825	Montblanc Ballpoint Pen Ballpix	95	43
7847	Montblanc Ballpoint Pen Ballpix	—	43
8200-6, 8285	Koh-I-Noor Triangles, Protractors, French Curves, Triangular Scales	36-40	21, 22
8246-09, 8248-36	Koh-I-Noor Precision Templates	—	18, 19
8870	Stamp Pads—Pelikan	—	50
8871, 8873	Stamp Pads—Pelikan	79	50
8880	Stamp Pad Ink—Pelikan	—	50
8884K	Stamp Pad Ink—Pelikan	79	50
9000	Graphos Holder—Pelikan	70	45
9001 1/3	Graphos Feeds—Pelikan	70	45
9002	Graphos Cap—Pelikan	—	45
9006, 01/02	Graphos Cleaning Wires—Pelikan	71	45
9010A, 9010Z	Graphos Nibs—Pelikan	71	45
9012, 9013	Graphos College Assortments—Pelikan	70	45

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9020	Graphos Empty Case IVT—Pelikan	70	45
9022	Graphos Empty Case TD—Pelikan	70	45
9023 GS2	Graphos Display Case GS2—Pelikan	—	45
9035	Graphos Intermediate Part—Pelikan	—	45
9036–9038	Graphos Compass Attachments—Pelikan	—	45
9040	Graphos Compass Foot—Pelikan	—	45
9040A–9040D	Graphos Compass Clip Pivots—Pelikan	—	45
9042	Graphos Compass Clip—Pelikan	—	45
9041TH–9056TE1	Technos Fountain Pen & Accessories—Pelikan	—	45
9060–9069	Drawing Inks—Pelikan	66-69	44
9075	Drawing Ink Cartridge No. 50 "Special"—Pelikan	68	44
9070–9107	Acetate Inks—Pelikan	68	44
9119	Drawing Ink KF—Pelikan	—	44
9120	Etching Acetate Ink—Pelikan	69	44
9122	Thinner BK for K Ink—Pelikan	69	44
9125	Cleaning Medium FK for K Ink—Pelikan	69	44
9127	Solvent LK for K Ink—Pelikan	69	44
9150–9152	Fount India Ink—Pelikan	66	44
9165	Inking Powder—Pelikan	69	44
9178–9180	Pen Cleaner—Pelikan	66	44
9187	Gold Ink—Pelikan	76	49
9201	Mark Sensing Ink—Pelikan	—	44
9212	Designers' Colors Set—Pelikan	74	48
9213	Designers' Colors—Pelikan	74	48
9214	Designers' Colors Set—Pelikan	74	48
9215N–9218	Designers' Colors—Pelikan	74	48
9222	Designers' Colors Set—Pelikan	—	48
9240	Students' Tempera Color—Pelikan	—	48
9243–9258	Plaka—Pelikan	75	48
9248	Plaka Hobby Set—Pelikan	75	48
9253	Plaka Spray—Pelikan	75	48
9259	Plaka Spray—Pelikan	75	48
9267	Plaka Priming & Painting Medium—Pelikan	75	48
9271	Plaka Varnish—Pelikan	75	48
9290K–9292K	Opaque Water Color Sets—Pelikan	72	48
9291G	Koh-I-Noor Retouch Grays	73	48
9293	Opaque Water Color Refill Pans—Pelikan (regular shades)	—	48
9293K	Opaque Water Color Refill Pans—Pelikan (regular shades)	72	48
9294	Opaque Water Color Refill Pans—Pelikan (metallic shades)	—	48
9294K	Opaque Water Color Refill Pans—Pelikan (metallic shades)	72	48
9302–9303	Transparent Water Color Set—Pelikan	72	49
9308	Transparent Water Color Refill Pans—Pelikan (regular shades)	72	49
9309	Transparent Water Color Refill Pans—Pelikan (metallic shades)	72	49
9330–9332	Chinese White—Pelikan	72	49
9341	Graphic White—Pelikan	76	49
9350	Graphic Black—Pelikan	—	49
9360	Photo Retouching Colors—Pelikan	—	49
9362	Photo Retouching Color Thinner—Pelikan	—	49
9370–9372	Lino Printing Color—Pelikan	76	49
9378-K/L	Oxhair Brushes—Pelikan	—	46
9380-1/12	Camel Hair Brushes—Pelikan	73	46
9382-1/12	Squirrel Hair Brushes—Pelikan	73	46
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9389	Squirrel Hair Brushes—Pelikan	—	47
9390-000–9390-12	Red Sable Brushes—Pelikan	73	47
9397	Red Sable Brushes—Pelikan	73	48
9399	Squirrel Hair Brushes—Pelikan	73	48
9411A	Roxy Hand Cleaning Paste—Pelikan	80	50
9412 PG7/PG9	Peligom All-Purpose Glue—Pelikan	78	50
9413A	Hobby Glue—Pelikan	78	50
9414	Pelikanol Liquid—Pelikan	—	50
9416	Pelikanol White Adhesive Paste—Pelikan	78	50
9419	Wax Crayons—Pelikan	—	49
9420	Blackboard Chalk—Pelikan	76	49
9420 Set	Blackboard Chalk Assortment—Pelikan	76	49
9421	Blackboard Chalk—Pelikan (white only)	76	49
9426M	Colored Paper—Pelikan	79	49
9427M	Transparent Paper—Pelikan	79	49
9428M	Metal Paper—Pelikan	79	49
9434	Thumbtacks—Pelikan	77	50
9444–94442LB	Nakiplast Modeling Clay—Pelikan	—	49
9519	Wax Crayons—Pelikan	—	49
9522–9523	Crayons with metal box—Pelikan	77	49
9530	Pelikan Markana No. 30 Markers	65	39
9530-6 9530-10	Pelikan Markana No. 30 Marker Assortment	65	39
9533S	Pelikan Markana Markers	—	39
9534	Pelikan Markana Markers	—	39
9534AST	Pelikan Markana Marker Asst.	—	39
9534R	Pelikan Markana Marker Refills	—	39
9535	Pelikan Text Markers	65	39
9536	Pelikan Markana Spot Markers	65	39
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9602BR4 9612PK2	Erasers—Pelikan	64	38
9610	White Correction Paper—Pelikan	64	38
9611	White Correction Fluid—Pelikan	64	38
10000	Koh-I-Log Slide Rule	—	23
10000I	Indicator for Koh-I-Log & Techno-Log Slide Rules	—	23
10000LL	Belt Loop for Koh-I-Log & Techno-Log Slide Rules	—	23
10000S	Synthetic leather case for Koh-I-Log Slide Rule	—	23
10000WL	Koh-I-Log Slide Rule with Belt Loop	—	23
10001	Koh-I-Log Pocket Slide Rule	—	23
10010	Techno-Log Slide Rule	—	23
10010I	Indicator for Techno-Log & Koh-I-Log Slide Rules	—	23
10010S	Synthetic leather case for Techno-Log Slide Rule	—	23
10010WL	Techno-Log Slide Rule with Belt Loop	—	23
10020	Rapido-Math Slide Rule	—	23
10020I	Indicator for Rapido-Math Slide Rule	—	23
10020P	Plastic Case for Rapido-Math Slide Rule	—	23
10021	Rapido-Math Pocket Slide Rule	—	23
11070	Rotating Compass—Kern	82	51
11073 11073-0	Rotating Compass—Kern	82	51
11078 11079-0	Spring Bows—Kern	82	51, 52
11082 11087-0	Steel Spring Bows—Kern	82	52
11113 11115	Plain Dividers—Kern	83	52
11121	Pocket Divider—Kern	83	52
11121-0	Sheath—Kern	83	52
11127	Plain Divider—Kern	83	52
11133 11133-0	Compass Half Sets—Kern	83	52
11134	Pen Point—Kern	82	52
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11137	Pencil Point—Kern	82	52
11138 11138K	Pen Points—Kern	82	52
11147 11157-0	Compass Half Sets—Kern	83	52
11161	Divider Point—Kern	83	52
11162	Pencil Point—Kern	83	52
11163	Cutter Point—Kern	84	55
11164 11164K	Pen Points—Kern	83	52, 53
11165 11166	Lengthening Bars—Kern	83	53
11177	Plastic Box for Needles & Leads—Kern	90	55
11177F	Plastic Box for Needles & Leads—Kern	—	55
11262	Pencil Point—Kern	82	53
11266	Lengthening Bar—Kern	82	53
22038K	Pen Point—Kern	—	53
22073 22073-0	Rotating Compasses—Kern	—	53
22079K	Large Spring Bow	—	53
22092 22097	Steel Spring Bows—Kern	—	53
22147 22147K	Compass Half Sets—Kern	—	53
22164	Pen Point—Kern	—	53
22166	Lengthening Bar—Kern	—	53
22172	Handle—Kern	—	53
33000CN	Montblanc Ink Converter	95	43
33003C	Montblanc Ink Cartridges	95	43
830017 832140	Koh-I-Noor Precision Templates	27-35	19, 20
7508511 7554250	Koh-I-Noor Rapidraw Drafting Film	25	17
T-211 T-214	Drawing Sets—Kern	88	54
T2028K	Drawing Pen—Kern	87	54
T2043	Border Pen—Kern	87	54
T2062	Pencil Point—Kern	—	54
T2064	Pen Point—Kern	—	54
T2066	Lengthening Bar—Kern	—	54
T2069	Large Spring Bow—Kern	87	54
T2069-1	Large Spring Bow—Kern	—	54
T2069-2	Large Spring Bow—Kern	—	54
T2073K T2073-0	Rotating Compasses—Kern	87	54
T2092 T2097-0	Small Spring Bows—Kern	87	54
T2113	Plain Divider—Kern	87	54
T2134K	Pen Point-Kern	87	54
T2136	Divider Point—Kern	87	54
T2137	Pencil Point—Kern	87	54
T2138K	Pen Point—Kern	87	54
T2147K T2147-0	Compass Half Sets—Kern	87	54
T2162	Pencil Point—Kern	87	54
T2164K	Pen Point—Kern	87	54
T2166	Lengthening Bar—Kern	87	54
T2179	Adjustment Key—Kern	87	54

NOTE: Explanation of Lead Content

△ "The ingredients of woodcased pencils bearing the P.M.A. mark have been approved by a nationally recognized medical authority, associated with a leading university, and are certified to contain no known toxic materials in sufficient quantities to be injurious to the human body even if reasonable amounts are ingested".

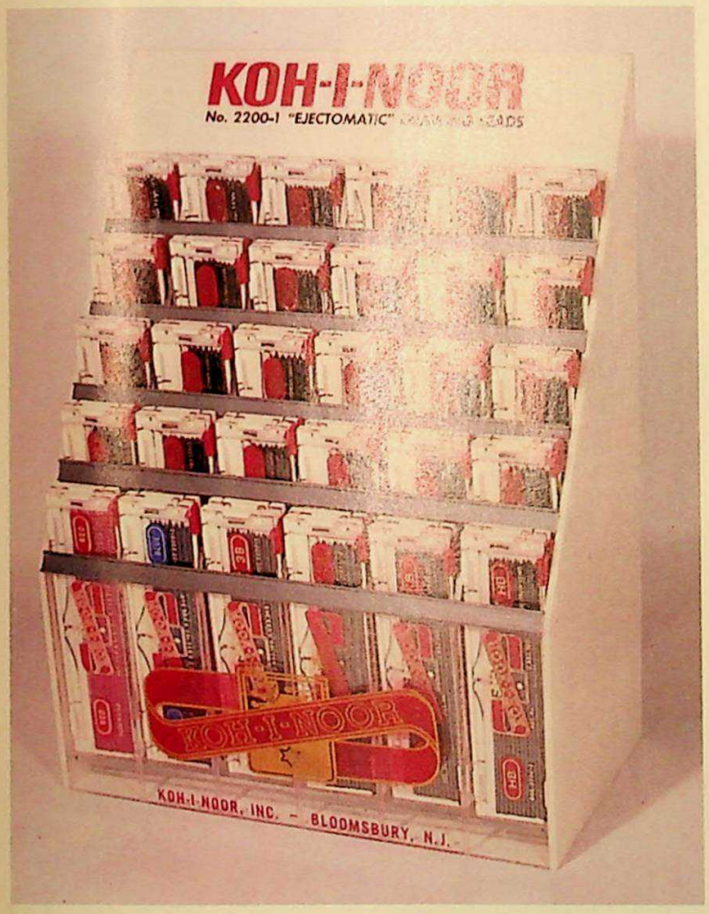
□ "All other items, though not carrying specifically the P.M.A. seal, are likewise manufactured in complete conformity to current standards and are likewise not in any way injurious to health".

KOH-I-NOOR® DISPLAYS

K-754 KOH-I-NOOR PENCIL MERCHANDISER

Type: Shelf or Counter Top, Self-service
Description: White Plastic
Accomodates any 2 gross assortment of Koh-I-Noor woodcased pencils; colored, drawing, writing and specialty. Contains 24 compartments holding 1 dozen pencils each.
Dimensions: 10"H x 10"W x 5"D
Purchase Requirement: None

K-754



K-835

K-835 KOH-I-NOOR EJECTOMATIC MERCHANDISER

Type: Shelf or Counter Top, Self-service
Description: White Plastic with Transparent Storage Compartments. Accomodates 5 gross 2200I Ejectomatic Drawing Leads. Degree sticker labels provided, permitting flexibility in the selection, location and identification of various 17 degrees plus colors available.
Dimensions: 14"H x 10"W x 5½"D
Purchase Requirement: Any 5 gross assortment of Koh-I-Noor 2200-I Ejectomatic Drawing Leads

K-836 KOH-I-NOOR GLIDOMATIC MERCHANDISER

Type: Shelf or Counter Top, Self-service
Description: White Plastic with Transparent Storage Compartments. Accomodates 5 gross 2222 Glidomatic Drawing Leads. Degree sticker labels provided, permitting flexibility in the selection, location and identification of various 17 degrees available.
Dimensions: 14"H x 10"W x 5½"D
Purchase Requirement: Any 5 gross assorment of Koh-I-Noor 2222 Glidomatic Drawing Leads

K-836

KOH-I-NOOR® DISPLAYS

K-993

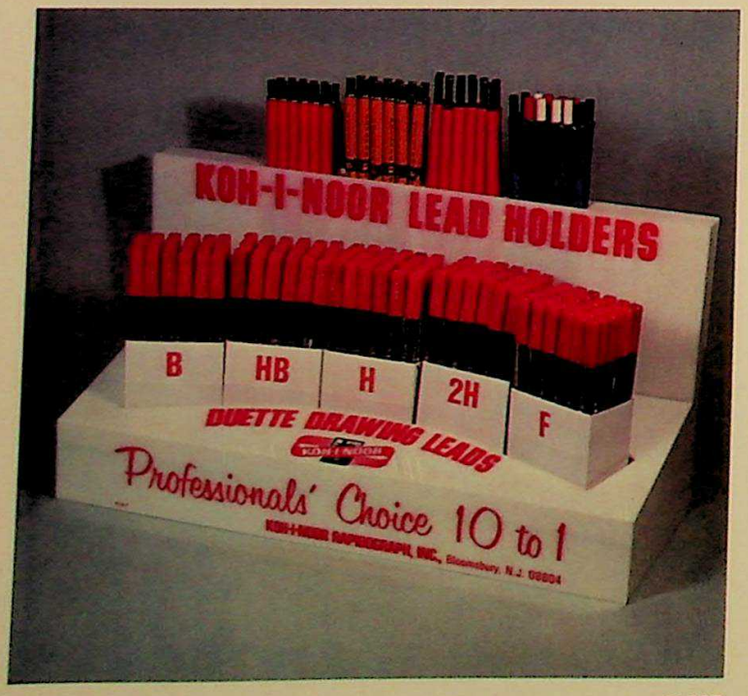
K-993 KOH-I-NOOR LEAD HOLDER DISPLAY CASE

Type: Shelf or Counter Top
Description: White Plastic with Transparent Hinged Lid which tilts outward from the top for easy access to merchandise. Accomodates 4 dozen Koh-I-Noor Lead Holders.
Dimensions: 9½"H x 7¼"W x 4"D
Purchase Requirement: Any 6 dozen assortment of Lead Holders

K-900

K-900 KOH-I-NOOR CAROUSEL LEAD HOLDER DISPLAY

Type: Shelf or Counter Top, Self-service
Description: Transparent Plastic with Triangular White Header. Rotating circular merchandiser accomodates 4 dozen Koh-I-Noor clutch-type Lead Holders very attractively.
Dimensions: 10"H x 9" Dia.
Purchase Requirement: Any 4 dozen assortment of Koh-I-Noor Lead Holders



K-927

K-927 KOH-I-NOOR DUETTE LEAD & HOLDER DISPLAY

Type: Shelf or Counter Top, Self-service
Description: All White Plastic. Accomodates 2½ gross 2200D Duette Drawing Leads (5—½ gross boxes) plus 4 dozen assorted Koh-I-Noor Lead Holders. Leads are supplied in convenient degree marked cardboard sleeves which are lowered directly into display after removal of protective packing liner.
Dimensions: 8½"H x 15½"W x 6"D
Purchase Requirement: 2½ gross 2200D Duette Drawing Leads plus 4 dozen Lead Holders

K-888 KOH-I-NOOR RAPIDOGRAPH DISPLAY

Type: Counter Top, Pilfer-proof
Description: White Plastic Base and Header with Transparent Enclosed merchandise compartment. Accomodates 2 dozen Rapidograph Technical Pens in tilt-lock display portion. Also has convenient white plastic slide tray located in hollow base with rear accessibility for back-up stock. Pens may only be removed from rear of display area by tilting hinged header portion toward rear.
Dimensions: 13½"H x 11½"W x 6½"D
Purchase Requirement: Any 2 dozen assortment of Koh-I-Noor Technical Pens

K-888

K-991

K-991 UNIVERSAL WIRE RACK

Type: Shelf or Counter Top, Self-service
Description: All Metal Wire Rack with White Header. Accomodates a wide variety of Koh-I-Noor and Pelikan Drawing Inks, also Pelikan Designers' Colors and Pelikan Plaka Colors in jars.
Dimensions: 24"H x 11"W x 12"D
Purchase Requirement: Any 6 dozen of Pelikan Drawing Inks, Designers' Color, Plaka, Koh-I-Noor Drawing Inks or and assortment of items totalling 6 dozen

K-907 KOH-I-NOOR REPLACEMENT POINT DISPLAY

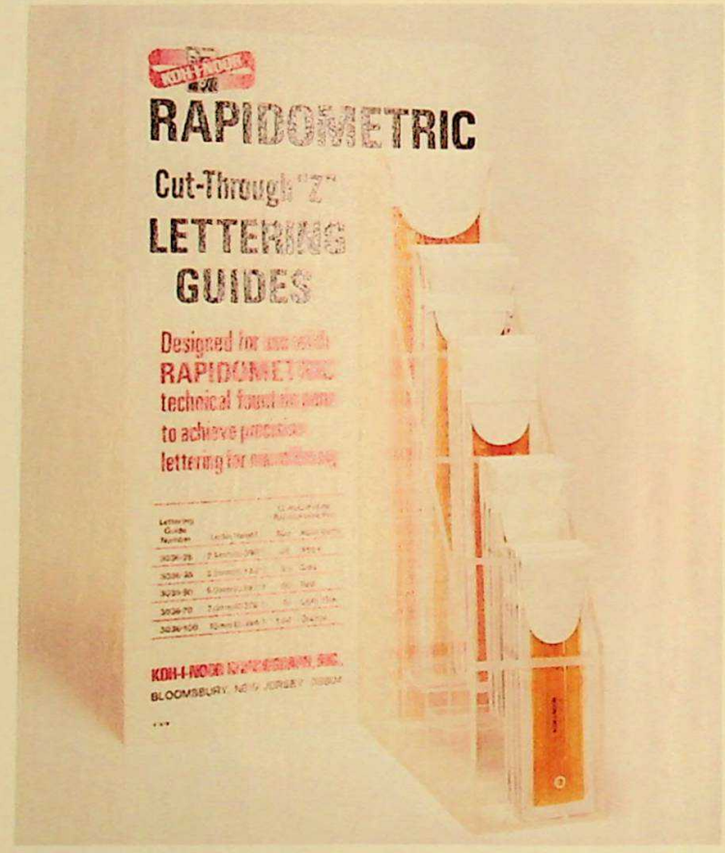
Type: Shelf or Counter Top
Description: Light Weight, White Molded Plastic Display with Transparent Hinged Lid which tilts up for access to merchandise. Accomodates 4 dozen Koh-I-Noor Rapidograph Replacement Points plus like number of nib keys for clean, easy point changes.
Dimensions: 6"H x 7½"W x 12"D
Purchase Requirement: Any 4 dozen assortment of Replacement Points.

K-907

K-834

K-834 RAPIDOGUIDE MERCHANDISER

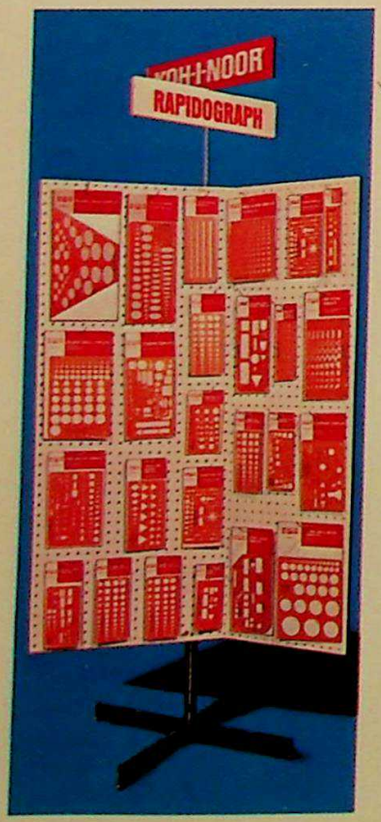
Type: Shelf or Counter Top, Self-service
Description: White Plastic Back Panel, Clear Plastic Front Carrier. Two piece display, easy slide assembly. Accomodates a 16 piece assortment of Koh-I-Noor Rapidoguides.
Dimensions: 13½"H x 9"W x 12½"D
Purchase Requirement: Any 16 piece assortment of Rapidoguides

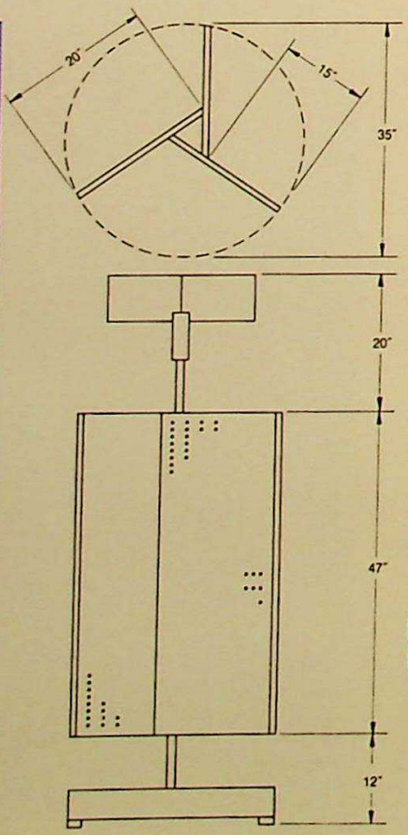


K-979

K-979 RAPIDOMETRIC "Z" GUIDE MERCHANDISER

Type: Shelf or Counter Top, Self-service
Description: White Plastic Back Panel, Clear Plastic Front Carrier. Two piece display, easy slide assembly. Accomodates a 20 piece assortment of Rapidometric "Z" Guides.
Dimensions: 17"H x 9½"W x 11"D
Purchase Requirement: Any 20 piece assortment of Rapidometric "Z" Guides



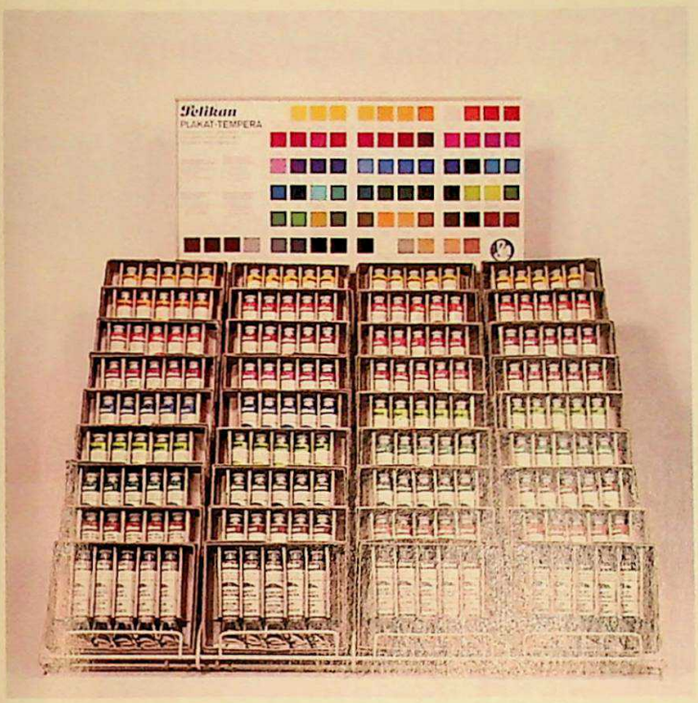


K-989

K-989 KOH-I-NOOR TEMPLATE MERCHANDISER

Type: Freestanding Floor Display, Self-service
Description: Displays complete line of Koh-I-Noor Precision Templates on three pegboard panels, bearing mounted to revolve smoothly and quietly around a vertical, galvanized centerpost. Carousel action provides quick, unobstructed viewing of all merchandise displayed on panels. Also accomodates any other Koh-I-Noor blister carded items packaged for pegboard display.
Thirty-four square feet of total display area occupies a circle of floor space only 35 inches in diameter. Shipped complete with merchandise hooks plus hardware and instructions for easy assembly.
Dimensions: 79"H x 35" Dia.
Purchase Requirement: Any $1,000. Retail assortment* of Koh-I-Noor Precision Templates **OR** a combination of an assortment of Templates of $500. retail plus any other Koh-I-Noor items of $500. list packaged for pegboard display.
*You may order either a standard assortment of Templates or your own combined assortment.

Pelikan® DISPLAYS



P-953

P-953 PELIKAN DESIGNERS' COLOR MERCHANDISER

Type: Shelf or Counter Top, Self-service
Description: Freestanding Wire Rack. Easily snap assembled with slide fit Header featuring complete Color Chart. Accomodates 180 (No. 7) Tubes 9217 Designers' Color (36 boxes containing 5 tubes of a color per box). Box slips easily into rack upon inversion of outer lid.
Dimensions: 22½"H x 22½"W x 18½"D
Purchase Requirement: Any 15 dozen assortment of Pelikan Designers' Color 9217 Tubes

P-RG-15 PELIKAN ERASER DISPLAY CASE

Type: Counter Top
Description: Blue & White Plastic with attractive Front Display Panel and open rear access to merchandise. Accomodates 10 boxes of assorted Pelikan Erasers.
Dimensions: 16"H x 7"W x 6½"D
Purchase Requirement: Any $60. Retail assortment of Pelikan Erasers.

P-RG-15

P-FA21

P-FA-21 PELIKAN WATERCOLOR REFILL PAN DISPLAY

Type: Shelf or Counter Top
Description: Black Molded Plastic Base with slightly blueish tinted Transparent Plastic flip off Lid for access to merchandise. Accomodates total of 120 Pelikan Refill Pans prepacked 10 of one color per clear plastic packing tray which may be easily inserted into display upon removal of protective cover lid.
Dimensions: 3"H x 10"W x 8"D
Purchase Requirement: Any 120 piece assortment of Pelikan Transparent, Opaque or Metallic Watercolor Refill Pans supplied in minimum lots of 10 pans per color per box.

PF-20

PF-20 PELI-FIX GLUE STICK DISPLAY STAND

Type: Shelf or Counter Top, Self-service
Description: Clear Plastic with White Front Banner. Accomodates 5 large; 9615 and 15 small; 9605 Peli-*fix* Glue Sticks.
Dimensions: 1"H x 8"W x 3½"D
Purchase Requirement: 20 large and 20 small Peli-*fix* Glue Sticks

P-FS9

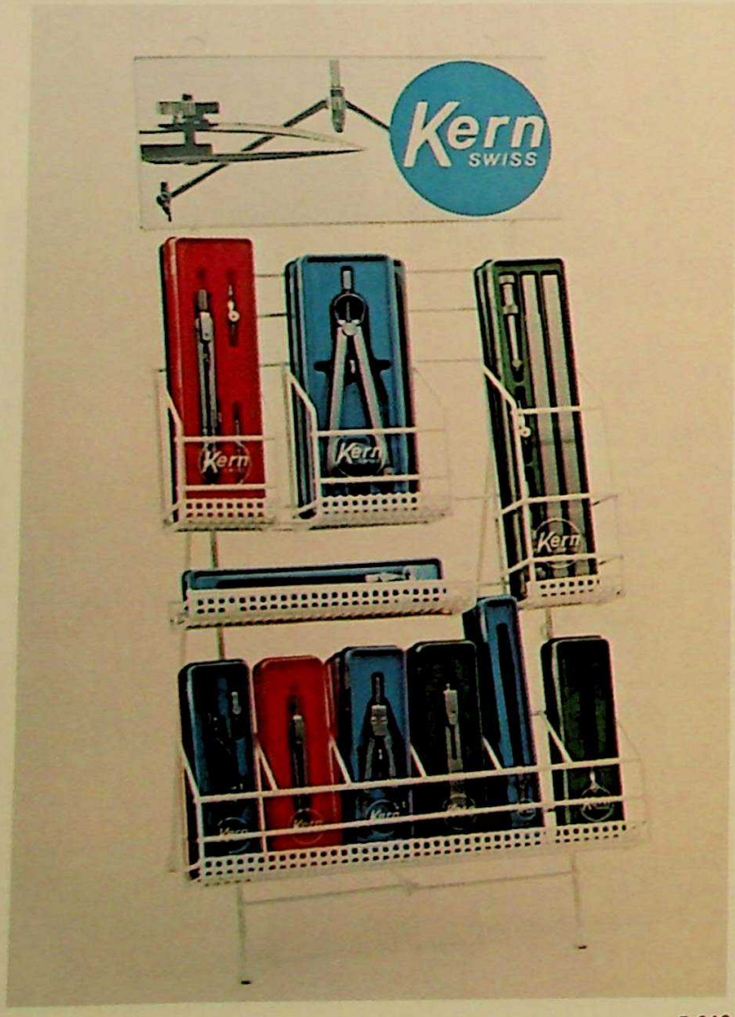
P-FS9 PELIKAN MARKANA MARKER DISPLAY

Type: Shelf or Counter Top, Self-service
Description: White Plastic Stepped Merchandiser with 9 convenient Display Cups easily filled and inserted into wells provided. Three-color Header slips into rear mounted vertical track. Accomodates approx. 180 Pelikan Markana 30; 9530 Fibre Tip Pens.
Dimensions: 16½"H x 10"W x 11"D
Purchase Requirement: Any 180 piece assortment of Pelikan Markana 9530 Pens. Pens packed and sold in minimum lots of 10 of one color per box only.

P-I-16

P-I-16 PELIKAN BRUSH DISPLAY STAND

Type: Shelf or Counter Top, Self-service
Description: Multicolored Plastic Tubular Design featuring 6 vertical cylinders of varying height. Accomodates an assortment of Pelikan Art Brushes for various artistic needs.
Dimensions: 6"H x 5¼"W x 3½"D
Purchase Requirement: Any 6 dozen assortment of Pelikan Brushes



E-948

E-948 KERN DRAWING INSTRUMENT DISPLAY STAND

Type: Shelf or Counter Top, Self-service
Description: White Wire Rack containing 5 Main Compartments of varying dimensions for accomodating a basic assortment of Kern Drawing Instruments. Supplied with non-skid rubber feet for added convenience and security.
Dimensions: 26"H x 12½"W x 12"D
Purchase Requirement: Any $200. Retail assortment of Kern items

SPECIAL IMPRINT PENCILS

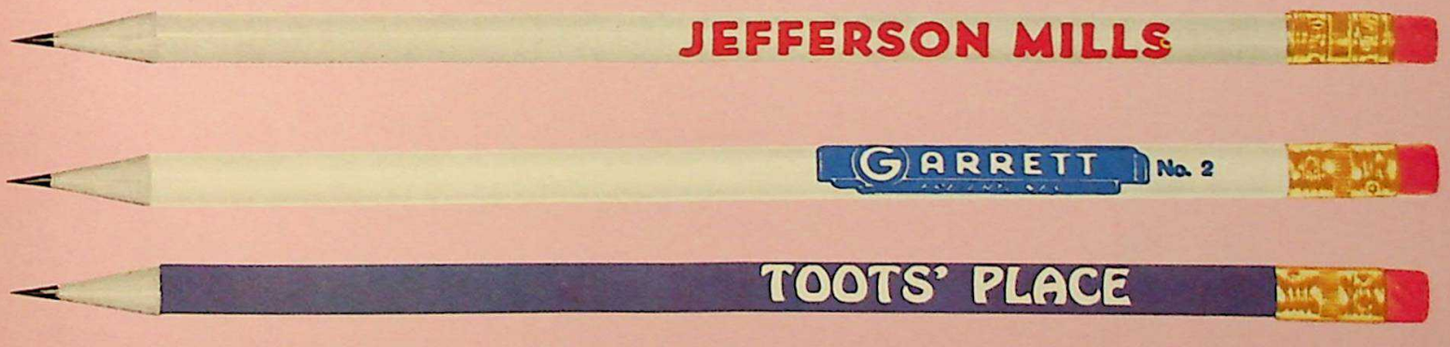
Unit Pack

□ SPECIAL IMPRINT PENCILS

Foil Imprints are made from standard steel type, all caps (letter spaced), all caps (set solid) or upper and lower case as illustrated and can be furnished on all woodcased pencils. Designs are made with special steel dies. The color finish and contrasting foil imprint are optional, appearing on one or three faces of the pencil. Faces are limited to 42 letters and spaces. Though hexagon shapes are preferred, imprints are also available on round pencils. Packed 12 per band and half gross cartons or one gross bulk.

12 & 144

ADVERTISING PENCILS



□ ADVERTISING PENCILS

Rubber Die Imprints are rolled on the round pencil surface with rubber dies, making it possible to produce larger letters and designs. The imprint—in one or two colors—can be placed on any color base finish. Special design rubber dies are usually inexpensive and trademarks can be copied at relatively low cost by making a wood cut first. Though round pencils are recommended, the hexagon shape is occasionally used. Packed one gross per box.

144

□ See last page of index for explanation.

KOH-I-NOOR® FRANCHISE ITEMS

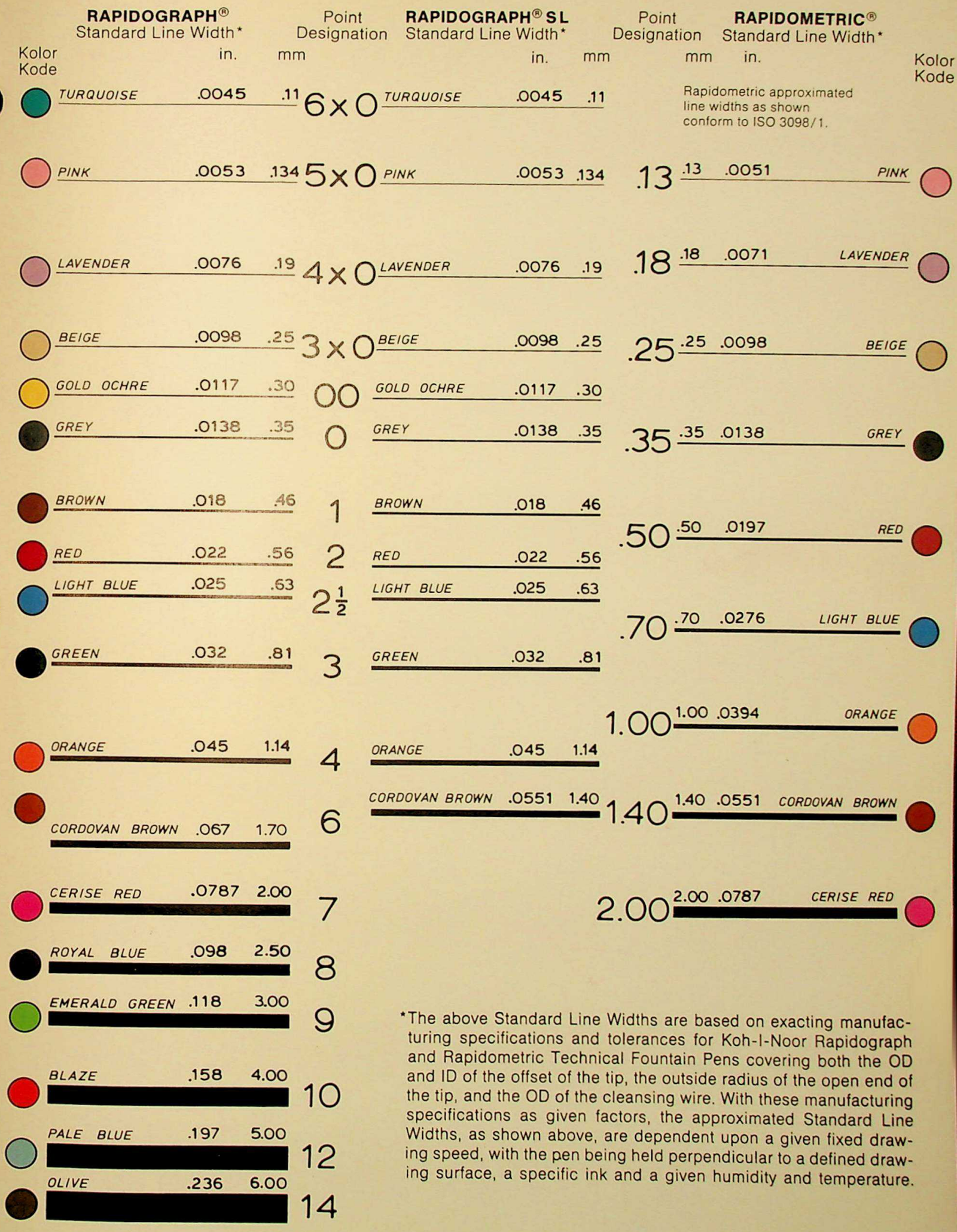
- Distribution of merchandise shown on this page is through authorized franchise dealers within specified territories, governed entirely by contractual arrangements.

465 1400 3465

Item No.	Description	Unit Pack
465□	Mephisto Writing Pencils are straight grained, easily sharpened cedar wood with lustrous finish and smooth, strong leads that hold their points. A quality red eraser and color panels identify Mephisto's six precision graded leads. Hexagon, blue or yellow finish, gilt stamped and degree imprinted on three sides. No. 1 brown, No. 2 red, No. 2A black, No. 3 green, No. 4 orange and No. 5 gray. Packed 12 of a degree per "Ejecto" box, half gross per carton.	12
1000△	Gold Seal Professional Drawing Pencils are hexagon, blue polished and degree stamped on three sides. Available in 17 degrees: 6B-9H. Packed 12 per box, half gross per carton.	12
1400□	Faust Checking Pencils are available in eight smooth, brilliant colors for general office work and have the density to make strong, clear marks on charts, layouts and blueprints. Hexagon, blue polish and gilt stamped, with end dipped same color as lead. Available in No. 1; yellow, No. 2; orange, No. 5; lilac, No. 6; purple, No. 8; sky blue, No. 10; may green, No. 11; brown and No. 12; black. Packed 12 per box, ¼ gross per color per carton.	12
1450□	Assortment of 12 Faust Checking pencils.	12
3465	Mephisto (medium) Ballpoint Pens, with eraser and the tungsten carbide skip-proof ball, writes over greasy, glazed surfaces with ease. Long visi-points offer full vision while writing. A high quality pen as inexpensive as ordinary disposable pens, yet refillable. Available in blue/black, red, green, black (reproducing), light blue, and light red (non-reproducing). Packed 12 per easel display.	12
3465	Mephisto (fine). No. 3465 (medium)styling but with fine refill.	12

△ □ See last page of index for explanation.

KOH-I-NOOR RAPIDOGRAPH, INC. LINE WIDTH COMPARISON


RAPIDOGRAPH® Standard Line Width*
Point Designation
RAPIDOGRAPH® SL Standard Line Width*
Point Designation
RAPIDOMETRIC® Standard Line Width*
Kolor Kode
in.
mm
TURQUOISE .0045 .11 6x0 TURQUOISE .0045 .11
PINK .0053 .134 5x0 PINK .0053 .134 .13 .13 .0051 PINK
LAVENDER .0076 .19 4x0 LAVENDER .0076 .19 .18 .18 .0071 LAVENDER
BEIGE .0098 .25 3x0 BEIGE .0098 .25 .25 .25 .0098 BEIGE
GOLD OCHRE .0117 .30 00 GOLD OCHRE .0117 .30
GREY .0138 .35 0 GREY .0138 .35 .35 .35 .0138 GREY
BROWN .018 .46 1 BROWN .018 .46
RED .022 .56 2 RED .022 .56 .50 .50 .0197 RED
LIGHT BLUE .025 .63 2½ LIGHT BLUE .025 .63 .70 .70 .0276 LIGHT BLUE
GREEN .032 .81 3 GREEN .032 .81
1.00 1.00 .0394 ORANGE
ORANGE .045 1.14 4 ORANGE .045 1.14
CORDOVAN BROWN .067 1.70 6 CORDOVAN BROWN .0551 1.40 1.40 1.40 .0551 CORDOVAN BROWN
CERISE RED .0787 2.00 7 2.00 2.00 .0787 CERISE RED
ROYAL BLUE .098 2.50 8
EMERALD GREEN .118 3.00 9
BLAZE .158 4.00 10
PALE BLUE .197 5.00 12
OLIVE .236 6.00 14

Rapidometric approximated line widths as shown conform to ISO 3098/1.

*The above Standard Line Widths are based on exacting manufacturing specifications and tolerances for Koh-I-Noor Rapidograph and Rapidometric Technical Fountain Pens covering both the OD and ID of the offset of the tip, the outside radius of the open end of the tip, and the OD of the cleansing wire. With these manufacturing specifications as given factors, the approximated Standard Line Widths, as shown above, are dependent upon a given fixed drawing speed, with the pen being held perpendicular to a defined drawing surface, a specific ink and a given humidity and temperature.

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